This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

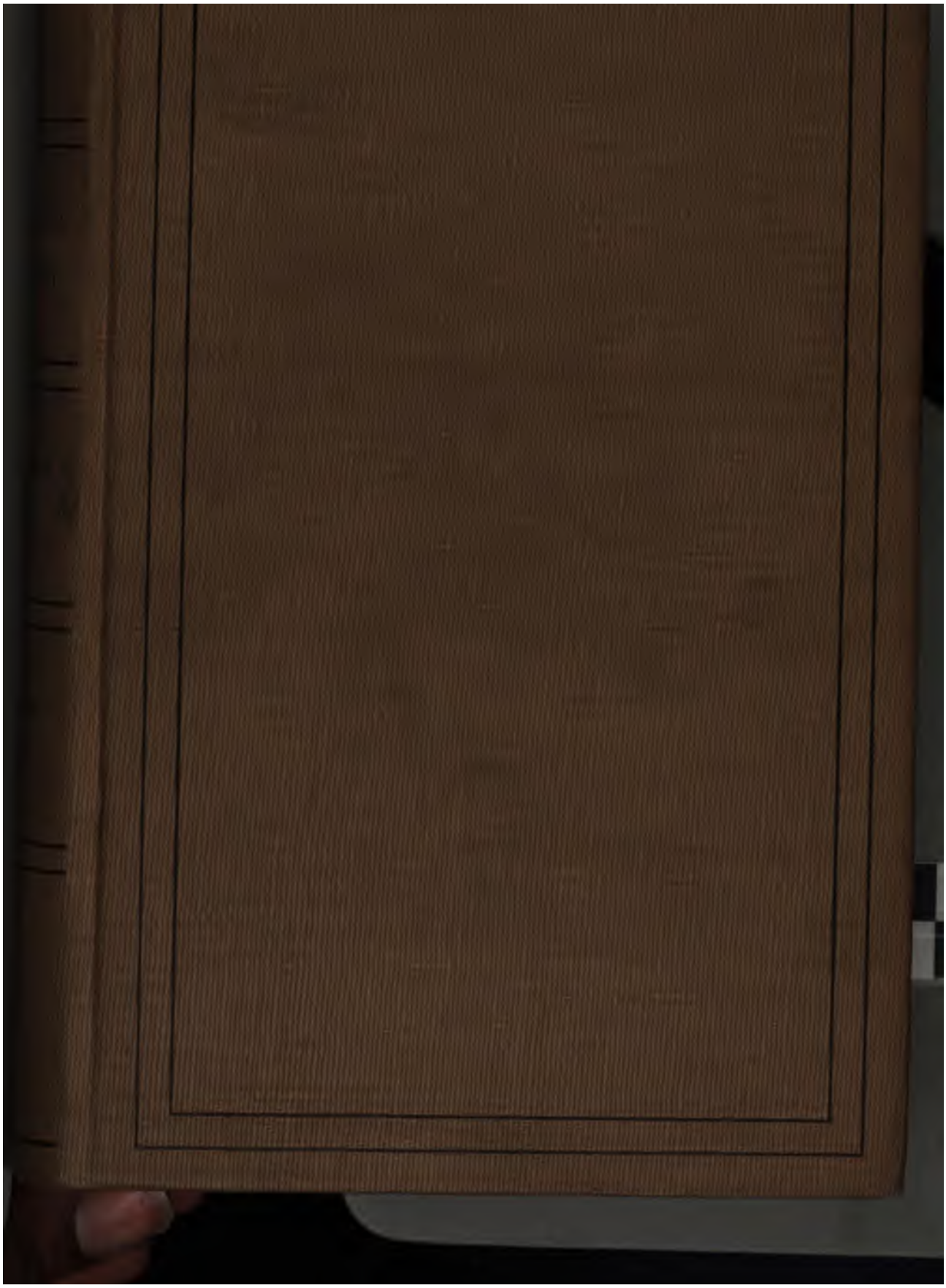
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

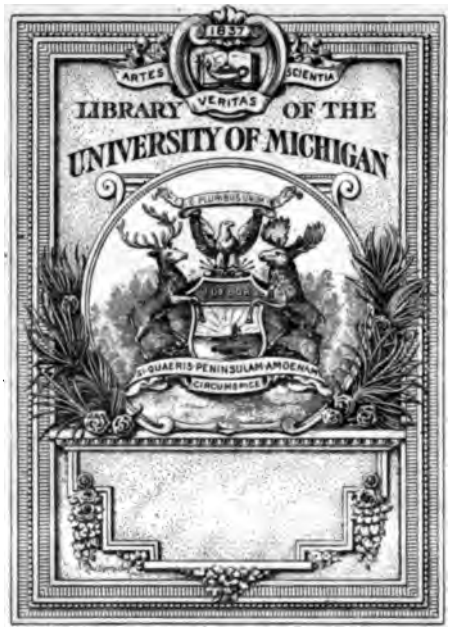


1837
ARTES
SCIENTIA
VERITAS
LIBRARY OF THE
UNIVERSITY OF MICHIGAN
E PLURIBUS UNUM
SUAERIS PENINSULAM AMOENAM
CIRCUMSPICE

THE GIFT OF

1837
ARTES
SCIENTIA
VERITAS
LIBRARY OF THE
UNIVERSITY OF MICHIGAN
QUAERIS PENINSULAM AMOENAM
CIRCUMSPICE

THE GIFT OF


1837
ARTES
SCIENTIA
VERITAS
LIBRARY OF THE
UNIVERSITY OF MICHIGAN
SI QUAERIS PENINSULAM AMOENAM
CIRCUMSPICE

THE GIFT OF

60th Cong 1st Sess Sen Doc 7.25 5258

STATEMENT OF EXPENDITURES

OF THE

DEPARTMENT OF AGRICULTURE

FOR THE FISCAL YEAR
ENDED JUNE 30
1907

Prepared under the direction of the Secretary of Agriculture
by A. ZAPPONE, Chief of the Division of Accounts
and Disbursements

WASHINGTON
GOVERNMENT PRINTING OFFICE
1908

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., April 8, 1908.

SIR: As required by act of March 3, 1885 (Stat. L. 23, 356), I have the honor to transmit herewith a detailed statement of the expenditures of the Department of Agriculture for the fiscal year ended June 30, 1907.

Very respectfully,

JAMES WILSON,
Secretary.

To the PRESIDENT OF THE SENATE.

CONTENTS.

	Page.
Office of the Secretary	5
Weather Bureau	8
Bureau of Animal Industry	65
Bureau of Plant Industry	149
Forest Service	232
Bureau of Chemistry	301
Bureau of Soils	314
Bureau of Entomology	323
Bureau of Biological Survey	344
Division of Accounts and Disbursements	347
Division of Publications	348
Bureau of Statistics	355
Library	361
Office of Chief Clerk	364
Office of Experiment Stations	367
Office of Public Roads	384
Departmental recapitulation and general contracts	390

198828

EXPENDITURES OF DEPARTMENT OF AGRICULTURE.

OFFICE OF THE SECRETARY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Office of the Secretary, 1907, $114,600" (including $1,300 appropriated for increase of salary of Secretary of Agriculture).

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wilson, James	Secretary of Agriculture, at $8,000 and $12,000	$9,300.00	$518.90
Hays, W. M.	Assistant Secretary of Agriculture, at $4,500	4,500.00	601.84
Burch, S. R.	Chief clerk, at $2,500	2,500.00	243.97
McCabe, Geo. P.	Solicitor, at $3,000	3,000.00	588.39
Wilson, Jasper	Private secretary, at $2,500	2,500.00	.....
Reese, R. M.	Stenographer and executive clerk, at $2,000	2,000.00	.....
Price, H. N.	Stenographer, at $1,400	1,197.77	.....
Mowry, H. H.	Private secretary to Assistant Secretary, at $1,600.	1,600.00	114.05
Bennett, J. B.	Appointment clerk, at $2,000	2,000.00	.....
Lower, C. B.	Chief Supply Division, at $2,000	2,000.00	.....
Guthridge, A. G.	Telegraph and telephone operator, at $1,400	1,400.00	.....
Daly, H. J.	Telegraph and telephone operator, at $1,200	1,200.00	.....
Ashley, Alex. McC.	Inspector, at $2,000	1,166.67	362.73
Roberts, R. W.	Clerk, class 4	1,800.00	.....
Frickey, Irving	Clerk, class 3	1,600.00	.....
Pennybacker, I. S.	....do	1,600.00	.....
Wyatt, W. C.	....do	1,600.00	.....
Burr, M. Helen	Clerk, class 2	1,400.00	.....
Forbes, Elmer E.	....do	1,365.01	.....
Moore, S. O.	....do	1,400.00	.....
Browning, Andrew J.	Clerk, class 1	400.00	.....
Fegan, H. J.	....do	800.00	.....
Clark, C. B.	....do	1,200.00	.....
Gates, Otis H.	....do	560.00	.....
Haley, Joseph	....do	400.00	.....
Mulligan, L. M.	....do	230.00	.....
Hiatt, Frank H.	....do	1,083.33	.....
Magee, R. W.	....do	116.67	.....
Moore, Felix T.	....do	533.33	.....
Walters, H. H.	....do	666.67	.....
Ray, Thomas J.	....do	1,200.00	.....
Wilhite, C. O.	....do	1,200.00	.....
Griffith, Thos. E.	Clerk, at $1,000	474.99	.....
Hines, Paul A.	....do	525.00	.....
Quinn, Peter H.	....do	972.23	.....
Breedin, Louise	Clerk, at $900	900.00	.....
Timberlake, W. F.	Clerk, at $840	840.00	.....
Bingham, Harry	Clerk, at $720	298.00	.....
Gladmon, Percy L.	....do	298.00	.....
Wasner, W. H.	....do	22.00	.....
Gaskins, John H.	....do	720.00	.....
Hager, Peter	....do	720.00	.....
Hines, Paul A.	....do	342.00	.....
Olcott, Ella M.	....do	238.00	.....
Smith, Florence P.	....do	138.00	.....
Mulholland, M. B.	....do	170.00	.....
Patterson, M. W.	....do	520.00	.....
Polton, Emma R.	....do	720.00	.....
Jones, Lewis	Chief engineer, at $1,600	,600.00	.....
McGregor, John M.	Fireman, at $900	337.50	.....
Riggles, Thos.	....do	562.50	.....
Crompton Harry	Assistant fireman, at $720	180.00	.....
Haley, Geo. W.	....do	60.00	.....
McGregor, John M.	....do	260.00	.....
Sprague, Frank	....do	130.00	.....
Weidman, Chas. S.	....do	74.00	.....

OFFICE OF THE SECRETARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Office of the Secretary, 1907, $114,500," etc.—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Dahler, A. L	Assistant fireman, at $720	$720.00	.....
Hall, George I	....do	720.00	.....
Ross, W. H	Assistant fireman, at $600	75.00	.....
Sprague, Frank	....do	491.67	.....
Halley, James	Carpenter, at $1,000	1,000.00	.....
Augusterfer, Raymond	Electrician, at $1,000	816.67	.....
Hollidge, E. M	....do	183.33	.....
Carter, George A	Painter, at $900	900.00	.....
Harvey, Chas. D	Plumber, at $900	900.00	$17.85
Fauroat, Wm. B	Blacksmith, at $840	245.00	.....
Weidman, Chas. S	....do	595.00	.....
Arnold, Richard H	Watchman, at $720	720.00	.....
Bean, Clarence	....do	696.00	.....
Boardman, J. M	....do	720.00	.....
Byrnes, D. J	....do	720.00	.....
Croghan, C. J	....do	720.00	.....
Fairfax, Thad	....do	720.00	.....
Gordon, James H	....do	540.00	.....
Moore, E. U	....do	180.00	.....
Kirksey, Wm	....do	58.00	.....
Rozzelle, K. K	....do	420.00	.....
Talbot, Wm. N	....do	178.00	.....
Tavenner, Philip R	....do	28.00	.....
Kite, Asa H	....do	720.00	.....
Moor, Wm. H	....do	720.00	.....
Morton, Emory C	....do	720.00	.....
Mott, H. S	....do	720.00	.....
Ridgeway, B. T	....do	720.00	.....
Rutledge, Thomas	....do	708.00	.....
Ryon, M. F	....do	720.00	.....
Kendrick, H. M	Mechanic, at $1,100	1,100.00	.....
Brooks, A. H	Messenger, at $840	840.00	.....
Cooke, R. H	....do	840.00	.....
Hodges, A. J	....do	350.00	.....
Phipps, Wm. H	....do	490.00	.....
Knott, Laura R	....do	840.00	.....
Mason, J. A	....do	840.00	.....
Williams, Jos	....do	840.00	.....
Winfield, A. M	....do	840.00	.....
Hawkins, Alfred	Assistant messenger, at $720	720.00	.....
Laborers and charwomen.			
Harrison, Floyd R	Assistant messenger, at $720	342.00	.....
Ray, George E	....do	92.00	.....
Sherfy, Raphael	....do	16.00	.....
Wasner, Wendell H	....do	228.00	.....
Lewis, Lula	Skilled laborer, at $840	840.00	.....
Richards, Wm. H	Skilled laborer, at $720	720.00	.....
Grau, E. G	Skilled laborer, at $660	647.17	.....
Carter, W. H	Skilled laborer, at $600	75.00	.....
Hopkins, Elias	....do	300.00	.....
O'Neill, John J	....do	185.00	.....
Ross, Wm. H	....do	40.00	.....
Gordon, James H	....do	150.00	.....
Kirksey, Wm	....do	376.67	.....
Rapier, J. H	....do	600.00	.....
Carter, W. H	Skilled laborer, at $480	254.67	.....
Kirksey, Wm	....do	140.00	.....
Groesbeck, Dani. V. H	Assistant messenger, at $600	115.00	.....
Kelleher, John C	....do	50.00	.....
Ross, Wm. Henry	....do	56.67	.....
Talbot, Wm. N	....do	350.00	.....
Mull, Robert B	....do	550.00	.....
Williams, F. S	....do	15.00	.....
Smith, C. L	....do	550.00	.....
Bechtold, John M	Assistant messenger, at $480	216.00	.....
Bennett, Alden L	....do	17.33	.....
Hall, C. L	....do	53.33	.....
Harrison, Floyd R	....do	172.00	.....
Joyce, John V	Laborer, at $600	600.00	.....
Phillips, O. A	Painter, at $720	688.00	.....
Barrett, Martha	Laborer, at $480	480.00	.....

OFFICE OF THE SECRETARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Office of the Secretary, 1907, $114,500," etc.—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Laborers and charwomen—Continued.			
Cook, Ida A.	Laborer, at $480	$480.00	
Craig, A. M.	....do	50.67	
De Atley, Phoebe	....do	246.67	
Franklin, Julia R.	....do	80.00	
O'Rourke, Estelle L.	....do	40.00	
Schwier, Julia R.	....do	40.00	
Lewis, Elizabeth A	....do	50.67	
Marshall, Lulu	....do	429.33	
Martin, Mary E.	....do	480.00	
Meek, Belle	....do	480.00	
Mozee, Willena	....do	480.00	
Perkins, Virginia	....do	480.00	
Stokes, Helen	....do	480.00	
Syphax, C.	....do	480.00	
Truxall, J. M.	....do	480.00	
Boss, Martha	Charwoman, at $540	540.00	
Beach, Freddie (Mrs.)	Charwoman, at $240	81.33	
Schwier, Julia R.	....do	5.33	
White, Mary T.	....do	150.00	
De Atley, Phoebe	....do	26.00	
Johnson, Mary	....do	190.67	
Fleming, Elizabeth	....do	66.67	
Kelly, Mary	....do	65.33	
Marshall, Lulu	....do	25.33	
Sullivan, Rosie C.	....do	20.00	
Jones, Hortensia	....do	240.00	
Loftin, Ella	....do	240.00	
Extra laborers, emergency employments, and pay of rents, $7,600.			
Brooks, Charles	Laborer, at $1.50 per diem	474.00	
Burton, John	....do	458.25	
Fitzhugh, Wm. H.	....do	24.00	
Wentworth, S. S.	....do	102.75	
Madigan, Thomas	Laborer, at $50 per month	305.00	
Rouser, Chas. E.	Laborer, at $600	600.00	
Wentworth, S. S.	Skilled laborer, at $50 per month	138.84	
Skidmore, Jared F.	Skilled laborer, at $720 and $840	802.67	
Wood, Henry S.	Painter, at $3.50 per diem	94.50	
Neilson, C. W. C.	Carpenter, at $3.50 per diem	143.50	
Cratty, James A.	Plumber, at $4 per diem	176.00	
Williams, Chas. T.	....do	20.00	
Hofmann, John	Plumber helper, at $50 per month	100.00	
Lloyd, John H.	Electric wireman at $3.50 per diem	266.00	
Carberry, Thos. F.	Electric wireman, at $3 per diem	72.00	
Bashford, Edward J.	Electric lineman at $3 per diem	9.00	
Heron, L. M.	Electrician, at $3 per diem	108.00	
Barghausen, John F.	Cabinetmaker, at $3.50 per diem and $1,100 per annum.	1,078.00	
Brown, Julia	Charwoman, at $240	20.00	
Higgins, Georgiana	....do	20.00	
Dewey, Fida S.	Charwoman, at $480	40.00	
Hammond, Sadie	....do	42.66	
North, Nannie	....do	40.00	
Jones, Charles	Messenger, at $480	201.33	
Morgan, R. H.	....do	60.00	
Smith, Florence P.	Library clerk, at $720	102.00	
Hollingshead, J. S.	Clerk, at $900	30.00	
Martin, Fred R.	....do	15.00	
Fowle, E. D. M.	Clerk, at $1,000	347.23	
Gates, Otis H.	Clerk at $1,200	240.00	
Total		111,176.91	
Johnson & Son, J. Harrison	Rent	300.00	

Total amount of appropriation, including $1,300 appropriated for increase of salary of Secretary of Agriculture	$114,500.00
Total expenditures under above groups	*111,476.91
Unexpended balance	3,023.09

WEATHER BUREAU.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Office of Chief of Weather Bureau, 1907, $194,690."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Moore, Willis L.	Chief of Bureau, at $5,000	$5,000.00	$122.22
Williams, H. E.	Assistant Chief of Bureau, at $3,000	3,000.00	
Carroll, D. J.	Chief clerk, at $2,250	2,250.00	
Cleaver, F. M.	Chief of division, at $2,000	2,000.00	
Church, Jno. P.	do	2,000.00	
Page, James	do	2,000.00	17.40
Robinson, J. H.	do	2,000.00	152.66
Kimball, H. H.	Librarian and climatologist, at $2,000	2,000.00	37.85
Gillam, Frank	Clerk, class 4	1,800.00	
Heiskell, H. L.	do	1,795.00	
Hunt, George E.	do	1,800.00	
Jones, J. H.	do	1,800.00	
Maring, D. T.	do	1,800.00	
Seyboth, Robert	do	1,800.00	
Ashton, John C.	Clerk, class 3	1,548.89	
Bennett, M. C.	do	911.11	
Pennywitt, Henry	do	688.88	
Day, P. C.	do	1,600.00	
Pugh, T. O.	do	1,600.00	
Smith, G. W.	do	1,600.00	
Stewart, Jno. C.	do	1,600.00	
Beall, S. W.	Clerk, class 2	1,400.00	
Bennett, M. C.	do	602.77	
Donaldson, Wm. E.	do	225.55	
Talman, Chas. F.	do	571.67	
Berry, Wm.	do	1,400.00	
Beuter, Sophia A.	do	1,400.00	
Blundon, Benj. A.	do	1,400.00	
Donaldson, Wm. E.	do	260.56	
Goucher, Henry	do	350.00	
Penrod, Hiram J.	do	789.44	
Easton, Edward C.	do	1,400.00	
Foy, J. T.	do	1,400.00	
Goucher, Henry	do	781.67	
Talman, Chas. F.	do	614.44	
Holmes, Charles	do	1,400.00	
Husson, Wm. M.	do	1,400.00	
Johnson, Enoch G.	do	1,400.00	
Kinnear, A. H.	do	1,400.00	
Moore, Theo. T.	do	1,400.00	
Porter, W. D.	do	1,400.00	
Potter, S. A.	do	1,400.00	
Smith, H. W.	do	1,400.00	
Ashton, Clinton J.	Clerk, class 1	1,200.00	
Bigham, C. Grant	do	1,200.00	
Chapman, Mattie H.	do	1,200.00	
Cleveland, Luman M.	do	223.33	
Dodge, Chas. R.	do	40.00	
Donaldson, Wm. E.	do	266.67	
Gregory, Samuel B.	do	611.66	
Clough, Homer W.	do	400.00	
Stetson, Frank O.	do	766.67	
Cook, Jas. R.	do	1,196.67	
Cooke, Henry C.	do	683.33	41.00
Donaldson, Wm. E.	do	516.67	
Cooper, Claude C.	do	1,200.00	
Crawford, Thomas	do	1,200.00	
Edwards, Rowena A.	do	180.00	
Goucher, Henry	do	230.00	
Monday, E. W.	do	100.00	
Murdoch, Lester H.	do	200.00	
Wilson, Jos. B.	do	440.00	
Fry, Jno. C.	do	1,200.00	
Gardiner, I. Gwynn	do	1,200.00	
Hesse, Conrad E.	do	1,200.00	
Hobbs, Hermann E.	do	1,200.00	4.55
Marean, D.	do	1,200.00	
Martin, Margaret	do	80.00	
Whiteside, J. L.	do	1,116.67	
Mattison, E. M.	do	1,200.00	
Melton, J. H.	do	1,200.00	
Meston, R. D.	do	1,200.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Office of Chief of Weather Bureau, 1907, $194,690"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Minnich, S. Percy	Clerk, class 1	$1,200.00	
Monroe, Joseph U.	do	1,200.00	
Parker, William N.	do	1,200.00	
Taylor, Charles W.	do	1,200.00	
Thompson, Arthur	do	1,200.00	
Tingley, Franklin G.	do	1,200.00	
Volker, Hermann	do	1,200.00	
Amer, Harry L.	Clerk, at $1,000	666.67	
Henke, Fred M.	do	250.00	
Cleveland, Luman M.	do	813.89	
Rausch, Gustav E.	do	186.11	
Cooke, Henry C.	do	450.55	
Magrum, Albert F.	do	569.44	
Diehl, Genevra B.	do	1,000.00	
Dugan, Henry P.	do	500.00	
Luckett, Thos. I.	do	169.44	
Mize, Ralph C.	do	330.56	
Edwards, Rowena A.	do	850.00	
Gay, Ernest L.	do	149.99	
Emery, Frank D.	do	291.67	
Sartz, Richard S. N.	do	75.00	
Wilson, Jos. B.	do	633.33	
Graf, Fred M.	do	1,000.00	
Hawkins, Laura F.	do	1,000.00	
Hercus, Alice T.	do	1,000.00	
Hunter, Herbert C.	do	1,000.00	
Kadel, Benjamin C.	do	1,000.00	$35.12
Lazenby, Richard O.	do	1,000.00	
Merrill, Herbert C.	do	1,000.00	
Miller, Robert L.	do	1,000.00	
Rohrer, Charles W.	do	1,000.00	
Weightman, R. Hanson	do	1,000.00	
Calvert, Samuel C.	Clerk, at $900	900.00	
Dome, Charles E.	do	900.00	
Emery, Frank D.	do	637.50	
Stone, Jesse R.	do	262.50	9.25
Hotze, Ruby S.	do	900.00	
Long, Mary	do	472.50	
Magrum, Albert F.	do	387.50	
Watters, William H.	do	2.50	
Mills, Chester L.	do	730.00	12.08
Schwickardi, R. B.	do	167.50	
Rausch, Gustav E.	do	162.50	
Sartz, Richard S. N.	do	570.00	
Tracy, Anson R.	do	167.50	
Williamson, R. M.	do	900.00	
Barger, Gervase J. P.	Copyist, at $840	448.00	
Jones, James	do	91.00	
Watters, William H.	do	270.67	
Young, Mary E.	do	28.00	
Cogswell, Daniel B.	do	156.33	
Tracy, Anson R.	do	683.67	
Johnson, Edward H.	do	245.00	
Stone, Jesse R.	do	595.00	
Long, Mary	do	399.00	
Penniman, Bertha M.	do	21.00	
Schwickardi, R. B.	do	42.00	
Wiest, Edward S.	do	310.33	
Peticolas, Virginia M.	Copyist, at $720	716.00	
King, Thomas H.	Assistant foreman of division, at $1,600	1,600.00	18.45
Larcombe, B. F.	do	1,600.00	19.10
Winters, L.	Proof reader, at $1,400	1,400.00	
Tuch, C. B.	Chief mechanic, at $1,400	1,092.77	
Martin, Julius J.	do	305.33	
Long, Samuel C.	Lithographer, at $1,300	1,300.00	
Barrett, M. F.	Compositor, at $1,250	48.61	
Estes, S. B.	do	1,090.28	
Hannah, Monroe	do	3.47	
Sullivan, D. P.	do	55.55	
Buhrman, Oscar H.	do	1,250.00	
Burnes, Charles T.	do	1,250.00	
Cooper, Robert S.	do	1,250.00	
Emmons, Lucius H.	do	1,244.80	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Office of Chief of Weather Bureau, 1907, $194,690"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Farrington, W. H	Compositor, at $1,250	$1,250.09	
Green, Wm. B	do	1,250.00	
McCallum, Daniel	do	1,250.00	
Sink, Herbert O	do	520.83	
Stewart, William A	do	711.81	
Von Ostermann, Geo. F	do	1,250.00	
Ackerman, Abram A	Pressman, at $1,250	1,097.25	
Shanklin, Edward M	do	48.61	
Thornton, Walter S	do	13.89	
Hickman, Thomas J	do	156.24	
Fitnam, G. A	do	83.33	
Whitman, E. C	do	937.50	
Allen, George	Lithographer, at $1,200	1,200.00	
Fraber, J. W	do	1,200.00	
Keough, W	do	1,200.00	
Pilcher, C. H	Engineer, at $1,200	1,200.00	$3.00
Claveloux, F. A	Skilled mechanic, at $1,200	1,200.00	
Martin, Julius J	Skilled mechanic, at $1,000	783.34	
Wheeler, Bertram C	do	188.89	
Collins, James F	do	1,000.00	
Dillon, Edward	do	1,000.00	
Newham, Richard S	do	983.33	
Sharp, Stewart S	do	1,000.00	
Johnson, Hiram	Captain of watch, at $1,000	1,000.00	
O'Neil, Daniel F	Electrician, at $1,000	1,000.00	
Balster, John A	Skilled artisan, at $840	308.00	
Rausch, Gustav E	do	532.00	
Chambers, Charles W	do	840.00	
Fox, Harry A	do	9.33	
Thornton, Walter S	do	830.67	
Francis Fred L	do	840.00	
Haynes, John M	do	840.00	
Patrick, William	do	840.00	70.33
Brown, Joseph	Messenger or laborer, at $720	720.00	
Eichelberger, Thos. H	do	394.00	
Eisenstein, Fredk. M	do	326.00	
Harvey, William O	do	720.00	
Hayes, Michael	do	720.00	
McLane, William, jr	do	720.00	
Barrett, Wm. J	Fireman, at $720	134.00	
Collins, Aloysius D	do	52.00	
Morton, George H. B	do	40.00	
Reed, Eddie	do	474.00	
Stohle, William R	do	13.00	
Hudson, James R	do	720.00	
Morton, R. H	do	720.00	
Bacon, Samuel, jr	Watchman, at $720	720.00	
Hughes, Everett H	do	720.00	
Sullivan, John	do	720.00	
Balster, John A	Folder and feeder, at $720	94.00	
Kline, James N	do	356.00	
Stone, Thad	do	264.00	
Burns, John T. S	do	720.00	
Ford, Charles B	do	720.00	
Fox, Harry A	do	712.00	
Stone, Thad	do	8.00	
Smith, Thomas G	do	720.00	
Hoagland, Annie E	Folder and feeder, at $630	630.00	
Jefferson, Wesley W	do	231.00	
Stone, Thad	do	392.00	
Toebert, Frank P., jr	do	7.00	
Strecker, Helen	do	630.00	
Bean, Fred	Messenger or laborer, at $660	3.67	
Torbert, Frank P., jr	do	652.67	
Eichelberger, Thos. H	do	298.83	
Hamrick, Andy M	do	361.17	
Driscoll, Michael J	do	660.00	
Jones, William	do	660.00	
Plummer, W	do	660.00	
Wolcott, John W	do	660.00	
Branham, E. A	Messenger, messenger boy, or laborer, at $600	600.00	
Brown, Daniel J	do	193.33	
Washington, Rudolph	do	406.67	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Office of Chief of Weather Bureau, 1907, $194,690"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Cauffman, Joseph	Messenger, messenger boy, or laborer, at $600	$160.00	.....
Dalton, Samuel S	do	21.67	.....
Engels, Peter J	do	25.00	.....
Jefferson, Wesley W	do	378.33	.....
Thomson, Alfred R	do	5.00	.....
Dunmore, Johnnie A	do	600.00	.....
Feigley, Joseph M	do	600.00	.....
Glover, George J	do	600.00	.....
Hamrick, A. M	do	33.34	.....
McNaught, Archibald	do	15.00	.....
Peacock, Wm	do	20.00	.....
Thomas, George W	do	200.00	.....
Weber, William	do	328.33	.....
Keller, David	do	590.00	.....
McDermott, Edward	do	600.00	.....
McNaught, Archibald	do	65.00	.....
Marean, Edwin F	do	535.00	.....
Parker, Walter	do	600.00	.....
Patrick, Thomas	do	600.00	.....
Plummer, William, jr	do	600.00	.....
Lee, Plato T	Messenger, messenger boy, or laborer, at $480	480.00	.....
McCreight, John H	do	465.33	.....
Murphy, William J	do	1.33	.....
Thomson, Alfred R	do	13.33	.....
McNaught, Archibald	do	416.00	.....
Sheridan, Francis W	do	12.00	.....
Williams, Max	do	52.00	.....
Tracy, Frank T	do	325.33	.....
Washington, Rudolph	do	154.67	.....
Barnard, Albert G	Messenger, messenger boy, or laborer, at $450	105.00	.....
Lee, Jesse B	do	182.50	.....
Tracy, Frank T	do	145.00	.....
Dalton, Samuel S	do	36.25	.....
Moffett, William T	do	356.25	.....
Peacock, Wm	do	13.75	.....
Thomas, Geo. W	do	26.25	.....
Gates, Edward P	do	112.50	.....
McKenny, E. F	do	33.75	.....
Stepp, John W	do	300.00	.....
McCreight, John H	do	13.75	.....
Mankin, Leroy T	do	48.75	.....
Williams, Max	do	387.50	.....
Priest, Daniel B	do	88.75	.....
Priest, John G	do	135.00	.....
Wilson, Rudolph	do	225.00	.....
Lomax, Amanda	Charwoman, at $360	360.00	.....
Crabbs, Lydia M	Charwoman, at $240	240.00	.....
Payne, Lucy	do	240.00	.....
Templeton, Clara A	do	240.00	.....

Total amount of appropriation	$194,690.00
Total amount paid for salaries	193,918.11
Unexpended balance	771.89

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Fuel, lights, and repairs, Weather Bureau, 1907, $10.000."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Cont'd.	
Anchor Lamp Co	$33.12	Catlin Co., Elmer H	$15.00
Barber & Ross	5.00	Church & Stephenson	62.55
Brennan Construction Co	865.44	DuPerow, M	42.07
Brooks Co., E. F	44.00	Dyer, Wm. H	30.25
Cady, M. S	94.37	Hartig, Louis	4.45

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Fuel, lights, and repairs, Weather Bureau, 1907, $10,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Miscellaneous supplies, etc.*—Cont'd.	
Heiskell, P. H., jr., & Co	$1.60	Schafer & Co., E. G	$21.39
Hurley, J. E	715.00	Schneider Sons, C. A	19.00
Jorss, A. F	214.30	Shedd & Bro. Co., S. S	122.80
Lambie Co. (Incorporated), James B.	7.58	Smith, Joseph P	7.00
Lindsay Rubber Manufacturing Co., The M	4.37	Somerville Co., Thos	30.52
McGhan, A. H	4.10	Walker & Son, John T	2,875.90
Mackall Bros	25.20	Walker Sons, J. T	19.85
Macnichol & Son	302.00	Warner, L	.60
Mangan, L. J	60.25	White, Fred J	9.40
Mann & Co., P	1.25	Young, W. H	25.25
Mineralized Rubber Co	24.00	Total	6,127.73
Moran Co., John	237.60	*Fuel.*	
Muddiman & Co., C. A	6.20	Murphy, Robert	37.35
Muth & Co., Geo. F	12.75	Zeh Co. (Incorporated), Wm. J	3,441.21
Mutual District Messenger Co	50.00	Total	3,478.56
National Electrical Supply Co	64.99	*Gas and electricity.*	
Okonite Co. (Limited)	7.48	Washington Gaslight Co	312.80
Pullman Automatic Ventilator Manufacturing Co	22.50		
Rau, John C	6.33		
Reilly, Hugh	22.17		
Robertson, John	3.00		
Rudolph & West Co	7.10		

Total amount of appropriation	$10,000.00
Total expenditures under above groups	9,919.09
Unexpended balance	80.91

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Contingent expenses, Weather Bureau, 1907, $10,000."

Name.	Amount.	Name.	Amount.
Stationery.		*Miscellaneous supplies, etc.*—Cont'd.	
Crane & Co	$5.50	Conger Bros. & Co	$39.84
Library Bureau	108.90	Copeland Co., M. G	11.50
Lindemeyr, Philip	52.80	Cotton, James S	65.73
Morrison Paper Co., E	17.80	Cudahy Packing Co., The	7.50
Newman, E. S	1.25	Davison & Co., H. C	18.75
Parker, D. Frank	35.60	Disbursing clerk, Post-Office Department	73.40
Schmidt, Fred A	24.50	Doremus Machine Co	4.50
Swayze, W. L	413.40	Duckett, W. G	4.45
Swayze, Bailey & Co	78.36	Duffey, R. W	5.50
Underwood Typewriter Co	13.20	Dulin & Martin	.50
Union Envelope Co	12.49	Du Perow, M	80.58
United States Envelope Co	13.50	Eastman Kodak Co	1.75
Total	777.30	Eco Magneto Clock Co	5.00
Miscellaneous supplies, etc.		Eimer & Amend	3.85
		Ergood Co., J. C	10.02
		Fearno, J. R	1.25
Acme Repair and Bicycle Co	4.45	Flynn & Blount	60.00
Addressograph Co	.75	Forker & Co., C. A	35.10
Akers, J. O	5.70	Forsberg, G. W	7.92
Armour & Co	1.60	Frank Disinfecting Co., The P. M	30.00
Barber & Ross	13.90	Fritch & Son, Geo. T	22.50
Baumgarten Co., Herman	51.92	Garvey, Edward	9.60
Baumgarten & Sons, J	10.50	Gibson Soap Co	7.50
Bausch & Lomb Optical Co	5.31	Giclas, H. J	45.00
Becker & Co., Chas	35.00	Gilman Z. D	11.21
Becker, C	10.00	Halley, M. M	12.00
Bowers & Daly	16.00	Harding & Upman	49.00
Burrelles Press Clipping Bureau	73.28	Hartig, Louis	27.06
Burroughs Adding Machine Co	350.00	Hartman Co., W. H	6.00
Burton & Son, R. C. M	47.20	Heiskell & Co., P. H., jr	18.00
Cady, M. S	16.00	Hoge & McDowell Co., Inc	99.00
Capital Traction Co	100.00	Holcomb Manufacturing Co., J. I	12.00
Carey Machinery and Supply Co	369.18	Hollingsworth, G. R	10.00
Collins, A. H	318.00	Home Ice Co	197.77

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Contingent expenses, Weather Bureau, 1907, $10,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Hume, Frank	$2.00
Hutton & Hilton	.50
Jackson, Frank H	10.00
Jenks, W. S	7.00
Kennedy, P	1.63
Kettler, Wm. J	.75
Keuffel & Esser Co	31.88
Killian, Geo. P	75.50
Knox Express Co., The Geo. W	9.40
Lamb & Tilden	9.12
Lambie Co. (Incorporated), James B.	153.49
Lansburg & Bro	47.05
Lindsay Rubber Manufacturing Co., The M	47.15
Linskey & Sons, James	1.50
Littlefield, Alvord & Co	27.00
Lockwood, W. A	1.00
Lutz & Co	115.45
McGhan, A. H	9.75
McQuay, Chas. H	175.00
Mackall Bros	33.65
Mann & Co., P	1.90
Marino, Ignacio	1.00
Meeks' Sons, S. J	243.00
Megee, Geo. F	1.50
Midget Novelty Co	6.00
Monarch Typewriter Co., The	3.00
Moore, A. L	15.77
Moran Co., John	18.40
Morris & Eckels Co., The	8.50
Muddiman & Co., C. A	2.25
Muth & Co., Geo. F	74.57
National Electrical Supply Co	33.50
Nawrath, J. P	4.95
Newman, E. S	1.00
Nolan & Sons, James	2.75
Postmaster, Washington, D. C	564.00
Rand, McNally & Co	4.90
Reilly, Hugh	46.95
Remington Typewriter Co	56.25
Rock Creek Auto and Wagon Works	2.50
Rotograph Co., The	9.73
Rudolph & West Co	44.88
Sargent & Co	1.53
Schafer & Co., E. G	1.00
Schwakopf, Geo. A	.35
Seth Thomas Clock Co	1.00
Sharp & Sons, F	6.70
Shedd & Bro. Co., S. S	6.00
Smith Premier Typewriter Co., The	104.70
Smithsonian Institution	283.81
Somerville Co., Thos	9.85
Stewart & Co	93.49
Thompson, C. G	26.40
Topham, James S	54.00
Underwood Typewriter Co	250.00
Voigt, Edward	2.00
Walker & Son, John T	122.00
Walker Sons, John T	1.40
West Disinfecting Co	22.33
Wiley & Russell Manufacturing Co	10.67
Woodward & Lothrop	25.62
Total	5,351.54

Name.	Amount.
Furniture.	
Barber & Ross	$4.40
Burton & Son, R. C. M	5.60
Church & Stephenson	603.22
Collins, Samuel J	8.00
Heiskell & Co., P. H., jr	24.80
Hoeke, W. H	76.25
Lambie Co. (Incorporated), James B.	7.00
Library Bureau	256.15
Moses & Sons, W. B	892.49
Wiegand, Martin	327.00
Woodruff Manufacturing Co	174.00
Woodward & Lothrop	189.65
Wurdeman & Co	163.00
Yawman & Erbe Manufacturing Co	18.50
Total	2,750.06
Freight.	
Washington Southern Rwy. Co	.91
Express.	
Adams Express Co	71.74
United States Express Co	132.67
Total	204.41
Telephone.	
Chesapeake & Potomac Telephone Co.	518.04
Apparatus, instruments, and laboratory material.	
Macklem, J. J	20.75
Rose, J. L	5.11
Taylor Bros. Co	29.25
Total	55.11
Printing and binding.	
Age-Herald Publishing Co	13.72
Anniston Publishing Co	11.20
Billings Gazette	7.20
Birmingham News Publishing Co	16.56
Charles City Daily Press	5.00
Charles City Herald, The	4.60
Chronicle Co., The	11.61
Commercial Newspaper Co	53.20
Daily Hot Blast	13.50
Intelligencer Printing Co	4.60
Ledger Publishing Co., The	11.11
Perth Amboy Evening News Co	6.44
Press Publishing Co., The	46.55
Record, The	3.45
Register, The	3.15
Sheridan Enterprise	4.50
Taylor Publishing Co., F. M	7.60
Tribune Publishing Co., The	19.20
Total	243.19

Total amount of appropriation	$10,000.00
Total expenditures under above groups	9,900.56
Unexpended balance	99.44

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Cox, Henry J	Professor of meteorology, at $3,000	$3,000.00	$511.06
McAdie, Alexander G	....do	3,000.00	146.66
Humphreys, William J	Professor of meteorological physics, at $3,000	3,000.00	259.08
Conger, Norman B	Inspector, at $2,500	2,500.00	532.58
Hersey, Henry B	....do	1,979.17	634.48
Beals, Edward A	District forecaster, at $2,400	2,400.00	128.12
Brandenburg, Frederick H	....do	2,400.00	382.92
Cline, Isaac M	....do	2,400.00	26.10
Emery, Eben H	....do	2,400.00	214.34
Smith, John W	....do	2,400.00	69.54
Walz, Ferdinand J	....do	2,400.00	42.80
Fassig, Oliver L	Research director, at $2,000	2,000.00	71.16
Bowie, Edward H	Local forecaster, at $2,000	2,000.00	.....
Cuthbertson, David	....do	2,000.00	102.84
Keneely, James	....do	2,000.00	39.13
Pennywitt, Henry	Local forecaster, at $1,800 and $2,000	1,035.00	17.65
Smith, J. Warren	Section director, at $2,000	2,000.00	66.76
Townsend, Theodore F	....do	2,000.00	10.14
Ashley, Alexander McC	Local forecaster, at $1,800	750.00	159.41
Bassler, Simon S	....do	1,800.00	22.00
Chappel, George M	....do	1,800.00	38.15
Connor, Patrick	....do	1,800.00	41.55
Gray, James J	....do	1,800.00	46.39
Tarr, Leonard M	....do	1,800.00	14.55
Blythe, William T	Section director, at $1,800	1,800.00	90.05
Bunnemeyer, Bernard	....do	1,800.00	130.50
Chaffee, Frank P	....do	350.00	.....
Evans, Edward A	....do	1,800.00	52.40
Hyatt, Robert J	....do	1,800.00	47.60
Loveland, George A	....do	1,800.00	11.05
Marbury, John B	....do	1,800.00	63.30
Mitchell, Alexander J	....do	1,800.00	58.70
Outram, Thomas S	....do	775.00	10.00
Salisbury, George N	....do	1,800.00	8.55
Schneider, Charles F	....do	1,800.00	33.78
Stockman, William B	....do	1,800.00	403.45
von Herrmann, Charles F	....do	1,800.00	105.52
Wilson, Wilford M	....do	1,800.00	61.39
Pursell, Ulysses G	Section director, at $1,600 and $1,800	1,708.88	45.50
Alciatore, Henry F	Section director, at $1,600	1,600.00	65.45
Bate, Henry C	....do	1,600.00	11.99
Belden, William S	....do	1,599.99	50.54
Burns, William G	....do	1,600.00	96.04
Glenn, Samuel W	....do	1,600.00	63.56
Jennings, Thorp B	....do	1,600.00	17.20
Jesunofsky, Lewis N	....do	1,600.00	35.27
Palmer, Walter S	....do	1,600.00	59.12
Thiessen, Alfred H	....do	1,600.00	38.17
Blystone, Montello E	Local forecaster, at $1,600	1,600.00	19.60
Boyer, Harry B	....do	1,600.00	1.25
Currier, William S	....do	1,600.00	5.50
Demain, Edward R	....do	1,600.00	.45
Dey, Luther M	....do	1,600.00	1.20
Emery, Samuel C	....do	1,599.99	.....
Grant, Robert Q	....do	1,600.00	2.50
Sherier, Julius M	....do	1,600.00	5.60
Todd, George T	....do	1,600.00	28.94
Welsh, Lucius A	....do	1,600.00	.....
Willson, George H	....do	1,600.00	.....
Wollaber, Arthur B	....do	1,600.00	50.40
Bauer, Jacob W	Section director, at $1,400	1,400.00	21.14
Howe, Henry C	....do	1,400.00	13.83
Judkins, Levi A	....do	1,400.00	35.21
Linney, Charles E	....do	1,092.78	107.98
Reeder, George	....do	1,400.00	43.43
Roberts, Orris W	....do	1,399.99	55.10
Slaughter, J. Pemberton	....do	1,400.00	71.80
Wells, Edward L	....do	1,400.00	73.80
Young, R. Frank	....do	1,400.00	85.70
Geren, Harry O	Observer, at $1,200, and section director, at $1,400.	1,300.00	114.90

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Abbe, Cleveland, jr	Research observer, at $1,200 and $1,400	$1,260.00	
Young, Frederick A	Research observer, at $1,400	116.67	$2.40
Blair, William R	Research observer and assistant physicist, at $1,400.	700.00	13.25
Armington, John H	Local forecaster, at $1,400	1,400.00	71.04
Ashenberger, Albert	do	1,400.00	3.45
Brand, Albert	do	1,400.00	2.00
Bridges, Theodore L	do	1,400.00	12.17
Buell, Allen	do	1,400.00	2.65
Carpenter, Ford A	do	1,400.00	
Cover, Louis C	do	1,400.00	5.70
Daingerfield, Lawrence H	do	1,400.00	1.25
Devereaux, William C	do	1,400.00	76.55
Dudley, William M	do	1,400.00	7.93
Hayes, Montrose W	do	1,283.34	71.43
Hazen, John S	do	1,400.00	9.80
Jones, Edward P	do	1,400.00	62.65
Lodholz, Louis	do	1,400.00	72.35
McDonough, Patrick	do	1,400.00	60.85
Neifert, William W	do	1,400.00	60.68
Nichols, Esek S	do	1,400.00	87.12
Noyes, G. Harold	do	1,400.00	1.30
Nunn, Roscoe	do	1,400.00	
Oberholzer, George R	do	1,384.44	89.34
Reed, Charles D	do	1,400.00	8.00
Richardson, Herbert W	do	1,400.00	47.05
Sanford, Morgan R	do	1,400.00	16.35
Scarr, James H	do	1,400.00	58.85
Shaw, William A	do	1,400.00	
Smyth, Patrick H	do	933.33	2.35
Spencer, James H	do	1,400.00	248.70
Stewart, Charles	do	1,400.00	4.80
Sullivan, Richard H	do	1,400.00	20.51
Taylor, Nathaniel R	do	1,400.00	1.60
Thompson, Charles D. C	do	1,400.00	7.27
Weeks, John R	do	1,400.00	2.50
Williams, Frank T	do	1,400.00	4.19
Wurtz, George B	do	1,400.00	12.45
Alexander, William H	Observer, at $1,200, and local forecaster, at $1,400.	1,209.44	9.25
Pindell, Lewis M	do	1,357.77	26.10
Anderson, Robert L	Observer, at $1,200	1,200.00	
Bartlett, James L	do	1,200.00	15.25
Bell, Aaron H	do	1,200.00	3.50
Bell, William	do	1,200.00	.75
Bennett, Walter J	do	1,200.00	1.90
Blagden, John D	do	1,200.00	
Bolton, Joseph P	do	1,200.00	5.00
Brist, Frederick W	do	1,200.00	
Brown, Edward A	do	1,200.00	8.62
Burhes, Alexander G	do	1,200.00	22.15
Burrows, Orville C	do	1,200.00	
Byram, John W	do	1,200.00	2.50
Cavanagh, William C	do	1,200.00	
Cline, Joseph L	do	1,200.00	25.30
Coleman, Frank H	do	1,200.00	
Collins, Thomas S	do	1,200.00	3.00
Connell, Maurice	do	1,200.00	
Conrad, Frederick W	do	1,200.00	
Craig, John	do	1,200.00	
Cronk, James W	do	1,200.00	3.00
Cunningham, Noble M	do	1,200.00	79.79
Davis, T. Frederick	do	1,200.00	
Davis, William	do	1,200.00	
Denson, Lee A	do	1,200.00	4.70
Doherty, Cornelius J	do	1,200.00	
Dorman, Louis	do	1,200.00	8.95
Emigh, Eugene D	do	1,200.00	
Fallon, W. H	do	1,200.00	
Felger, G. W	do	1,200.00	16.55
Fisher, David	do	1,200.00	
Fitzgerald, John	do	1,200.00	
Fuller, Merton L	do	1,200.00	4.40

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Gosewisch, Frederick Z	Observer, at $1,200	$1,200.00	$6.35
Grover, John	do	1,200.00	83.35
Guthrie, Leon J	do	1,200.00	59.80
Hadley, Olin M	do	1,200.00	10.31
Hardinge, Robert M	do	1,200.00	45.30
Hass Hagen, George	do	1,200.00	10.86
Hyle, Charles A	do	1,200.00	.75
Lane, Nathan D	do	113.33	.....
Lawton, George E	do	660.00	2.45
Lehman, William F	do	1,200.00	9.25
Lindley, Robert T	do	1,200,00	2.42
Linsley, Julius G	do	1,200.00	.....
McCallum, Daniel P	do	1,200.00	11.85
Maxwell, William D	do	1,200.00	.....
Mitchell, William A	do	1,200.00	7.48
Montgomery, Frank	do	1,200.00	.....
Mosby, Samuel L	do	1,200.00	.....
Murphy, Daniel C	do	1,200.00	.....
Newman, Fitzhugh	do	1,180.00	.....
Newsom, John F	do	1,200.00	26.96
Nimmo, E. Herbert	do	1,200.00	1.00
Patrick, Henry R	do	1,200.00	.....
Randall, Albert V	do	1,200.00	26.46
Reed, William F., jr	do	1,200.00	18.20
Row, E. E	do	1,200.00	.....
Schaeffer, John W	do	1,200.00	.....
Scott, George W	do	1,200.00	.....
Seeley, Dewey A	do	1,200.00	84.50
Smith, Horace E	do	1,200.00	5.00
Stewart, William P	do	1,200.00	14.34
Stubbs, Martin B	do	1,156.67	16.15
Summers, Melvin B	do	1,200.00	.....
Todd, Hubert G	do	1,200.00	.....
Vanderpool, Jesse L	do	1,200.00	.....
Voorhees, John F	do	1,200.00	61.17
Vose, Elisha C	do	1,200.00	21.10
Waldron, Bion L	do	1,200.00	12.85
Watson, James M	do	1,200.00	.....
Widmeyer, James I	do	1,200.00	2.00
Wiesner, Abe	do	1,200.00	14.19
Williams, John R	do	1,200.00	15.00
Wilson, George N	do	1,200.00	4.70
Miller, Eric R	Observer and research observer, at $1,200	1,200.00	47.63
Baldwin, Harrison McP	Observer, at $1,000 and at $1,200	1,116.66	52.35
Bliss, George S	do	1,100.00	57.30
Hooper, John K	do	1,100.00	.....
Kirk, Joseph M	do	1,100.00	25.70
Landis, Dennis S	do	1,166.66	14.25
Martin, William V	do	1,109.99	.....
O'Connor, Gerald J	do	1,016.66	.....
Olds, William J	do	1,039.45	77.35
Spencer, Eugene E	do	1,183.33	.....
Wood, Charles S	do	1,183.33	.....
Thompson, Edwin C	Section director, at $1,400, and observer, at $1,200.	1,274.43	184.04
Reed, John M	Skilled mechanic, at $1,200	1,200.00	.....
Bright, Charles B	Printer, at $1,200	466.67	28.60
Groene, Ernest F	do	1,200.00	9.55
Hurley, John F	do	1,200.00	.....
Nichols, Augustus B	do	1,200.00	.....
Nichols, John F	do	1,200.00	.....
Reynick, Alexander	do	1,200.00	.....
Stewart, John S	do	1,200.00	.....
Shomo, Oscar V	Printer, at $1,000 and at $1,200	1,150.00	.....
Alps Henry F	Assistant observer, at $1,000	516.66	19.91
Alter, J. Cecil	do	916.66	.....
Bailey, Wayland	do	1,000.60	.75
Barron, William E	do	1,000.00	2.35
Beates, James W	do	1,000.00	.....
Bonnett, Walter E	do	1,000.00	.....
Bradley, James A	do	1,000.00	.....
Briggs, Robert R	do	1,000.00	.....
Bronson, Byron H	do	47.22	.....

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Church, Verne H	Assistant observer, at $1,000	$1,000.00	$25.40
Clark, William F	do	1,000.00	1.09
Cole, Harvey S	do	1,000.00	
Crosby, Arthur W	do	1,000.00	
Davis, Albert J	do	1,000.00	
Day, Walcott L	do	1,000.00	11.16
Dean, Robert H	do	999.99	
DeGraw, Paul	do	127.77	
Dey, Luther M., jr	do	850.00	
Dewing, Charles R	do	1,000.00	365.00
Dick, Harvey B	do	1,000.00	4.00
Donnel, Charles A	do	1,000.00	
Dosher, Samuel L	do	1,000.00	
Drake, Theodore F	do	1,000.00	228.45
Eddey, George W	do	1,000.00	
Eshleman, Cyrus H	do	1,000.00	
Field, George F	do	1,000.00	
Fisher, Lawrence C	do	1,000.00	
Frise, Harry A	do	1,000.00	
Fuller, William D	do	1,000.00	
Garrett, Charles C	do	963.89	
Grasse, Herchmer W	do	1,000.00	2.25
Gray, Richard W	do	1,000.00	
Grimes, George E	do	1,000.00	9.23
Grunow, Dexter C	do	1,000.00	19.00
Hackett, Arthur E	do	1,000.00	
Hackett, Sumner	do	1,000.00	3.15
Hardin, Hal. P	do	1,000.00	
Hartwell, F. Eugene	do	1,000.00	231.91
Hayden, Julius C	do	720.84	159.34
Heck, George J	do	8.33	
Hobbs, Everett C	do	1,000.00	7.00
Holcomb, Howard K	do	1,000.00	
Jermin, Frank	do	1,000.00	32.80
Kelliher, J. J	do	452.77	35.25
Kimball, James H	do	608.33	32.80
Lathrop, William T	do	1,000.00	
Legler, Hugo	do	1,000.00	
Lindgren, Gustave S	do	1,000.00	
Ling, Charles W	do	1,000.00	3.00
McDowall, Gilbert W	do	1,000.00	28.95
McGann, Edward W	do	1,000.00	.75
O'Donnell, John J	do	1,000.00	481.77
Pickels, Alfred C	do	1,000.00	
Piercy, Joseph C	do	1,000.00	8.25
Powell, Robert P	do	1,000.00	
Reed, William J	do	1,000.00	
Richardson, Charles H	do	1,000.00	
Robins, Millard V	do	1,000.00	
Roche, Henry H	do	1,000.00	14.22
Root, Clarence J	do	1,000.00	
Rupert, Fred J	do	250.00	
Ryker, John N	do	1,000.00	19.75
Sage, John R	do	1,000.00	
Schlomer, William B	do	1,000.00	
Scholl, Walter H	do	1,000.00	
Schoppe, Wm. J. A	do	1,000.00	4.70
Scott, James H	do	999.99	
Simons, William U	do	1,000.00	3.15
Sloan, Jay B	do	1,000.00	
Smith, James H	do	1,000.00	4.25
Strong, Charles M	do	1,000.00	3.75
Sutton, Leon G	do	1,000.00	171.12
Taylor, Thomas R	do	1,000.00	
Teeple, Arthur R	do	1,000.00	
Thomas, Walter W	do	1,000.00	54.50
Whitman, Ozias	do	1,000.00	
Wright, Marsden	do	1,000.00	13.55
Considine, Thomas J	Observer, at $1,200, and assistant observer, at $1,000.	1,074.45	26.74
Gibson, Thomas	do	1,016.67	4.00
McLean, John J	do	1,071.67	25.85

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
McGuiness, William C	Observer, at $1,200, and assistant observer, at $1,000.	$1,033.34	$69.70
Blue, Otto L	Assistant observer, at $840, and at $1,000	960.00	
Brockway, Albert L	do	930.67	430.27
Coberly, Edward D	do	920.00	49.50
Covert, Roy N	do	960.00	97.85
Dill, Charles	do	986.67	
Faulhaber, Charles E	do	960.00	
Flora, Snowden D	do	960.00	
Horton, Edgar C	do	846.22	
Mitchell, Charles L	do	876.45	36.15
Robinson, Milton A	do	776.33	28.99
Summey, Albert T	do	920.00	54.66
Mize, Ralph C	Operator, at $1,000	669.45	
Blackburn, Everitt	Printer, at $1,000	5.56	
Brady, Eugene E	do	125.01	
Briscoe, Henry C	do	1,000.00	
Burke, Ethelbert C	do	1,000.00	
Carr, David H	do	922.22	
Carter, Harry G	do	1,000.00	
Groce, Arthur V	do	1,000.00	
Hutchison, James E	do	1,000.00	44.04
Kuppler, Carl F	do	125.00	
Landis, Harry R	do	708.33	
McIver, Evander M	do	1,000.00	
McWhorter, Lawrence L	do	1,000.00	
Madden, Samuel H	do	680.55	26.70
Pugh, Arthur W	do	1,000.00	46.75
Smith, Edgar A	do	1,000.00	
Snyder, Joseph B	do	663.89	166.25
Wallace, George E	do	716.67	
Atto, Ora O	Assistant observer, at $840	840.00	
Bily, Joseph, jr	do	840.00	
Burns, Edward T	do	840.00	6.25
Campfield, Louis M	do	840.00	
Conway, M. E	do	840.00	3.40
Disterdick, Fred L	do	840.00	45.15
Dyke, Ray A	do	840.00	31.28
Eddy, Nathan S	do	840.00	
Faulk, Maurice C	do	840.00	67.65
Fisher, Ray L	do	840.00	8.70
Flattery, Charles W	do	840.00	27.55
Gallagher, George J	do	59.50	
Garrett, Arthur W	do	840.00	
Glass, Elvin J	do	840.00	12.75
Green, William H	do	840.00	
Gregg, Willis R	do	840.00	48.65
Harn, George U., jr	do	840.00	
Jakl, Vincent E	do	840.00	3.50
Jones, James	do	749.00	234.55
Long, Francis	do	840.00	
McLeary, Frank E	do	840.00	
Middlesworth, Vaughn	do	700.00	87.75
Nesmith, Mark T	do	840.00	
Norquest, Clinton E	do	840.00	88.40
Parker, Orin	do	840.00	9.50
Passailaigue, Louis F	do	840.00	27.80
Patrick, Rollin M	do	291.67	
Pettet, Robert D	do	634.67	23.70
Pollock, Rosswitte E	do	350.00	370.30
Roberts, Richard P	do	840.00	
Ross, Lewis C	do	840.00	
Shilling, Alphonso W	do	840.00	
Stewart, Oscar D	do	840.00	74.10
Vail, Herbert E	do	840.00	
Watters, William H	do	91.00	18.50
Webert, Louis P	do	177.33	42.10
Wood, Peter	do	364.00	
Rogers, Luther	Expert in vessel reporting, at $840	588.00	
Cambridge, Louis A	Assistant observer, at $720 and at $840	820.00	
Gittings, Edwin B., jr	do	800.00	
Gross, Henry C	do	794.67	.05

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Hare, Walter B	Assistant observer, at $720 and at $840	$746.33	$130.31
Kincer, Joseph B	do	775.33	
Shipman, Truman G	do	820.00	33.90
Smith, Ralph W	do	760.00	15.95
Spindler, Harvey H	do	836.00	1.75
Sherry, Bertram J	Unclassified laborer, at $720, and assistant observer, at $840.	740.00	
Andree, Hermann J	Assistant observer, at $720	402.00	10.00
Ball, Homer W	do	684.00	
Barger, Gervase J. P	do	336.00	51.25
Blair, Thomas A	do	126.00	
Blosser, Cleveland T	do	706.00	51.70
Bormann, Walter R	do	60.00	
Boyle, James A	do	720.00	37.05
Brotzman, William S	do	582.00	
Buchanan, Elmer R	do	720.00	28.70
Cade, William R	do	720.00	2.80
Callin, Clement C	do	218.00	
Chancellor, Thomas J	do	96.00	
Collins, Paul	do	720.00	33.85
Collom, McLin S	do	338.00	
Colman, Bert S	do	720.00	
Cornthwaite, Homer G	do	720.00	
Correll, George E	do	152.00	
Cox, Walter	do	330.00	
Crossett, Frederick A	do	568.00	
Cushing, Frederick S	do	124.00	9.45
Dixon, James M	do	70.00	
Dusseault, Joseph A	do	184.00	
Firestone, Timothy D	do	720.00	21.50
Garrason, John S	do	720.00	45.45
Golden, Julian A	do	40.00	
Goodin, Harley B	do	512.00	
Grafton, H. Brooks	do	720.00	
Greening, Gershom K., jr	do	52.00	
Grootenhuis, Theodore T	do	480.00	
Haines, Ernest H	do	720.00	61.57
Hallenbeck, Cleve	do	138.00	
Hamilton, John M	do	20.00	
Heckathorn, Charles E	do	294.00	
Heinz, Charles	do	176.00	
Hess, Paul	do	688.00	10.10
Howard, Mark S	do	720.00	56.75
Hurd, Willis E	do	720.00	
Jaqua, James H	do	720.00	
Jensen, Newton H	do	420.00	12.35
Johnson, Edward H	do	510.00	80.20
Johnson, Harley N	do	660.00	48.75
Jones, Harris A	do	720.00	
Justice, Alonzo A	do	720.00	12.90
Kichline, Herbert E	do	720.00	45.92
Kinser, William C	do	720.00	
Kohler, Henry C	do	28.00	
Ladlie, John R	do	46.00	
Lady, George W	do	720.00	39.20
Lemmon, William R	do	168.00	27.25
Lomasney, John B	do	608.00	101.91
Lyman, Herbert	do	538.00	27.55
McClelland, Harold	do	718.00	33.78
McKenzie, Herbert W	do	720.00	
Marean, Edwin F	do	78.00	29.15
Marks, Harris A	do	720.00	14.33
Math, Frank A	do	720.00	
Monnett, William E	do	284.00	
Palm, John D	do	690.00	
Paterson, George	do	60.00	
Pelsma, John R	do	448.00	
Peterman, Elton	do	60.00	
Peterson, Samuel P	do	720.00	28.55
Reed, Wesley W	do	168.00	
Richards, George M	do	548.00	10.80
Sager, George V	do	720.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Schworm, Stanley S	Assistant observer, at $720	$720.00	
Scott, Robert A	do	570.00	$47.70
Simpson, Clark	do	264.00	
Smith, Edward P	do	510.00	24.55
Smith, Emmet D	do	626.00	38.80
Smith, Howard C	do	46.00	43.30
Sprague, Malcolm	do	720.00	
Thompson, E. Herbert	do	720.00	
Toole, John P	do	720.00	7.31
Warren, William H	do	60.00	
West Ralph C	do	28.00	
Wiest, Edward S	do	454.00	25.65
Wills, Harry M	do	622.00	
Woodworth, Charles A	do	720.00	
Wyland, Will L	do	600.00	103.10
Yeager, Everett E	do	138.00	.50
Blake, Dean	Messenger, at $480, and assistant observer, at $720.	620.00	
Clark Raymond E	Messenger boy, at $360, and assistant observer, at $720.	436.00	31.04
Hovde, Martin R	Messenger boy at $360, and at $480, and assistant observer, at $720.	480.67	37.07
Moxom, Walter J	do	454.67	27.75
Thorson, Arthur R	Student assistant, at $300, and assistant observer, at $720.	347.83	2.71
Tracy, William H	Messenger, at $480, and assistant observer, at $720	510.67	
Turner, George E	Messenger, at $480 and at $600, and assistant observer, at $720.	545.33	
Whittier, Bernard P	Messenger boy, at $360 and at $480, and assistant observer, at $720.	510.67	18.65
Christman, William W	Messenger, at $720	720.00	
Stege, Louis C	Messenger boy, at $720	462.00	
Van Vradenburg, Marion B	Messenger, at $720	720.00	
Beesley, George	Repairman, at $720	310.00	
Drinkwater, Alpheus	do	720.00	.96
Hart, Fitch J., jr	do	176.00	4.48
Hart, Howard G	do	600.00	29.78
Johnson, Clifton E	do	720.00	1.00
Maxwell, Lawrence V	do	300.00	18.45
Parrott, Loring S	do	600.00	19.20
Rassmussen, Marius	do	720.00	26.36
Warner, Ray C	do	172.00	5.00
Wilson, Arthur R	do	60.00	
Dosher, Joseph J	Repairman, at $600 and at $720	610.00	
Balster, John A	Classified laborer, at $720	326.00	1.75
Lamont, Angus N	Unclassified laborer, at $720	666.00	
Gaskins, Willie H	Repairman, at $600	573.34	48.75
Burn, Arthur A	Messenger, at $600	600.00	
Carey, James	do	600.00	
Chamberlin, Charles E	do	600.00	
Connaroe, Henry	do	600.00	
Dey, Laura M	do	600.00	14.75
Fischer, Frank W	do	300.00	
Freas, Howard E	do	600.00	
Grant, Charles C	do	600.00	
Hamrick, Andy M	do	236.66	46.50
Harris, Ralph E	do	600.00	
Minehart, Elmo M	do	271.67	66.60
Tait, Lemuel E	do	598.33	13.05
Williams, Robert C	do	600.00	
Bormann, Walter	Messenger, at $480 and at $600	495.34	
Diggs, Fant	do	570.00	
Featherstone, George D	do	545.34	
Jacobs, Henry W	do	545.34	
Lopez, Joseph	do	548.00	
May, George A	do	495.34	
Simmons, Homer H	Student assistant, at $300, and messenger, at $600.	300.00	
Fowler, James E	Unclassified laborer, at $600	350.00	
Kelley, Andrew J	do	350.00	
Ackelow, Fred H	Messenger or messenger boy, at $480	480.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Bartlett, Hayden S	Messenger or messenger boy, at $480	$121.33	
Daly, John P	do	318.00	
Dearing, Eura M	do	480.00	
Deter, Charles F	do	320.00	
Dorr, Howard M	do	240.00	
Evans, Budd	do	480.00	
Foster, John C	do	480.00	
Hartwig, Walter C	do	480.00	
Herrmann, Ernest	do	320.00	
Howard, Duncan	do	160.00	
Johnston, George H	do	360.00	
Lehning, Charlie T	do	480.00	
Mitchell, Theodore C	do	480.00	
Moore, Roscoe C	do	480.00	
Murphy, Frank C	do	480.00	
Parry, Bennie	do	480.00	
Ross, Ida	do	480.00	
Samuel, Joe B	do	120.00	
Towner, Noble	do	480.00	
Walker, Richard	do	400.00	
Weber, Clara	do	480.00	
Weber, William	do	217.33	$47.35
Whedon, Charles T	do	480.00	
Wrigley, F. Jimmer	do	46.67	
Adams, Judson D	Messenger boy, at $360 and $480	443.33	
Bailey, Herbert A	do	420.00	
De Ment, Harry C	do	366.00	
Hauber, Oscar H	do	430.00	
Hoefer, Fred C	do	365.33	
Holcomb, Edward W	do	450.00	
Howell, Harry M	do	460.00	
Jenne, Westley W	do	380.00	
Laskowski, Bernard R	do	365.67	
Lind, Harold V	do	365.67	
Lowe, J. Hervey	do	450.00	
Meaker, Kenneth	do	425.33	
Oates, Walter A	do	460.00	
Olsen, Edward J	do	365.67	
Stephens, Thomas	do	430.00	
Webb, Roy G	do	460.00	
Weber, Fred	do	460.00	
Woods, Raymond	do	430.00	
Baxter, Dahl	Unclassified laborer, at $480	480.00	
Kelley, John M	do	280.00	4.70
Barwick, James A	Assistant observer, at $360	101.00	
Robinson, H. C	Unskilled laborer, at $360	360.00	
Aberle, Frederick	Messenger or messenger boy, at $360	61.00	
Ahern, Frank H	do	327.00	
Augustin, James G	do	160.00	
Bach, Frank T	do	360.00	
Barham, Guy	do	66.00	
Bassinger, Henry C	do	360.00	
Beavers, Thomas H. B	do	315.00	
Bentley, George J	do	135.00	
Boyd, W. Wray	do	309.00	
Brewster, James A	do	76.00	
Brooks, James B	do	104.00	
Buss, William	do	360.00	
Butler, Benjamin F	do	360.00	
Carmody, W. Raymond	do	128.00	
Carney, Thomas A	do	120.00	
Clark, Roy	do	40.00	
Cooke, S. Wilmlnor	do	360.00	
Crook, Stanley	do	180.00	
Crozier, Thomas H	do	340.00	
Davies, Philip M	do	150.00	
Davis, Frank E	do	48.00	
Deaderick, David A	do	76.00	
Desmond, Leonard	do	242.00	
Dewar, Edwin S	do	360.00	
Dix, Russell H	do	60.00	
Dunn, Cleon A	do	360.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Finch, Floyd F	Messenger or messenger boy, at $360	$10.00	
Finch, Verne E	do	28.00	
Fitz John, Harry A	do	360.00	
Fratcher, Edward	do	360.00	
Geise, Gustave C	do	90.00	
Grosjean, Andrew C	do	75.00	
Guard, Ira O	do	210.00	
Hadfield, Oscar D	do	250.00	
Halstead, Harold G	do	256.00	
Hamilton, Robert M	do	116.00	
Heslin, John R	do	139.00	
Holznecht, Charles A	do	197.00	
Horton, Wilfred A	do	165.00	
Howie, J. Edward	do	360.00	
Hudson, Joseph H	do	360.00	
Johnson, Paul E	do	300.00	
Jones, J. Edward	do	37.00	
Jones, Matthew G	do	295.00	
Kautz, Albert G. J	do	360.00	
Keenan, Harold T	do	90.00	
Kendall, Martin L	do	44.00	
Kingsbury, Charlie P	do	121.00	
Larkin, Harry J	do	306.00	
Lieder, Robert W	do	15.00	
Lippert, Rudolph E	do	360.00	
McKernon, Vaughn W	do	69.00	
Maloney, H. Ray	do	96.00	
Marbury, Herbert B	do	30.00	
Martin, Morton S	do	137.00	
Metcalf, Harry C	do	90.00	
Moore, Howard J	do	60.00	
Naughton, Percy J	do	360.00	
Nelson, Carl G	do	55.00	
Oakley, Howard E	do	360.00	
Oeser, Max F	do	120.00	
Offer, William	do	174.00	
Olmstead, Frank R	do	199.00	
Orr, Albert F	do	239.00	
Ostendorf, Mark J	do	87.00	
Peters, Eugene M	do	278.00	
Raidt, Charles W	do	75.00	
Reed, Thomas R	do	90.00	
Rhea, William E	do	360.00	
Rosner, Henry E	do	23.00	
Rudolph, Lawrence	do	71.00	
Sather, Gerhard G	do	219.00	
Scott, John E	do	286.00	
See, Charles	do	51.00	
Seelinger, Roy E	do	48.00	
Selley, Harvey L	do	345.00	
Siegrist, Theodore C	do	162.00	
Slama, Harry F	do	360.00	
Small, Vernon E	do	6.00	
Smith, C. Frank	do	248.00	
Spinks, Louis A	do	49.00	
Stansberry, John H	do	76.00	
Staples, Henry L	do	360.00	
Trattner, Emanuel	do	360.00	
Tufts, Charles A	do	86.00	
Upson, Arthur G	do	30.00	
Wade, Roy W	do	21.00	
Wahlgren, Harry F	do	206.00	
Wells, Sylvan A	do	17.00	
Williams, Henry	do	74.00	
Viehman, Theodore A	do	325.00	
Zwingle, Herbert	do	100.00	
Boucher, Charles M	Station agent, at $300	300.00	
Brooks, Eva M	do	300.00	$20.10
Lovett, George L	do	300.00	
Adams, Frank N	Student assistant, at $300	20.00	
Adams, George B	do	300.00	32.30
Buhler, Frederick G	do	300.00	
Cogswell, Daniel B	do	244.17	62.92

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Evans, John B	Student assistant, at $300	$200.00	
Killean, William	do	300.00	
Lund, Russell F	do	57.50	
Mears, John H	do	275.00	
Van Cleef, Eugene	do	255.83	
Miller, B. H	Temporary printer, at $3.75 per day	56.25	
Bright, Charles B	Temporary printer, at $3.35 per day	36.85	
Clifford, Warren H	Temporary printer, at $3.33⅓ per day	60.00	
Gordon, W. J	Temporary printer, at $3.20 per day	6.40	
Miller, B. H	do	41.60	
Banks, J. J	Temporary printer, at $3 per day	12.00	
Brady, Eugene E	do	3.00	
Caldwell, Frederick E	do	36.00	
Dowd, J. Philip	do	13.50	
Nichols, A. B	do	48.00	
Shantz, Wayne S	do	54.00	
Wolkos, Edmund	do	60.00	
Zwingle, Wade G	do	54.00	
Kuppler, Carl F	Temporary printer, at $18 per week	39.00	
Christy, S. A	Temporary printer, at $2.90 per day	50.39	
Pauley, Chas. E	do	7.61	
Davis, William E	Temporary printer, at $2.75 per day	44.55	
Smith, F. J	Temporary printer, at $16 per week	87.99	
McRary, Vernon F	Temporary printer, at $2.50 per day	29.38	
Marcom, J. W	do	8.12	
Brown, Evans	Temporary messenger boy, at $2 per day	10.00	
Albert, Oscar H	Temporary assistant, at $2 per day	80.00	
Brandenburg, Harmon P	do	34.00	
DeGraw, Paul	do	28.00	
Farmer, Joseph S	do	34.00	
Garrett, John G	do	22.00	
Klock, Charles	do	5.00	
Smith, Thomas F	do	12.00	
Yung, Frank	do	22.00	
Bye, Oscar W	Temporary repairman, at $2 per day	80.00	
Hart, Howard G	do	60.00	
Hopf, Paul T	do	4.00	
Maxwell, Lenora	do	30.00	
Maxwell, L. V	do	62.00	
Parrott, Loring S	do	40.00	
Duff, Fenton H	Temporary assistant, at $1.50 per day	9.00	
Foust, J. D	do	29.25	
Moore, Edwin C	do	3.00	
Wallace, Clyone A	do	45.00	
Ward, Raymond W	Temporary repairman, at $1 per day	26.00	
Barham, Guy	Temporary messenger, at $1 per day	16.00	
Bentley, George	do	1.00	
Bily, Thomas	do	9.00	
Boyd, Howard M	do	1.00	
Boyer, Viola A	do	5.00	
Brewster, James A	do	16.00	
Burchfield, James R	do	3.00	
Carlson, Eric J	do	26.00	
Carmody, William R	do	14.00	
Clark, Roy	do	37.00	
Crook, Stanley	do	6.00	
Davies, Philip M	do	61.00	
Davis, Frank E	do	6.00	
Deaderick, D. A	do	12.00	
Dewberry, William B	do	25.00	
Diether, Ray	do	17.00	
Doty, Lewis A	do	22.00	
Erickson, Oscar E	do	4.00	
Finch, Floyd F	do	43.00	
Finch, Verne E	do	1.00	
Fugmann, Milton J	do	9.00	
Golden, Mary C	do	15.00	
Grosjean, C. Andrew	do	13.00	
Harker, H. R	do	23.00	
Hazen, John M	do	10.00	
Hecox, Paul W	do	6.00	
Henry, Ray	do	26.00	
Hoffschmidt, Philip J	do	77.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Weather Bureau, 1907, $541,550"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Holznecht, C. A.	Temporary messenger, at $1 per day	$1.00	
Hull, Calvin E.	do	14.00	
Johnson, Harry	do	1.00	
Jones, Matthew G.	do	11.00	
Kanitz, Irving	do	43.00	
Kendall, Martin L.	do	50.00	
Luethi, A. D.	do	1.00	
McCloskey, Edwin D.	do	29.00	
McKernon, Vaughn W.	do	18.00	
Maloney, H. Ray	do	20.00	
Meade, Merritt M.	do	24.00	
Minton, Glenn F.	do	35.00	
Oeser, Max F.	do	33.00	
Offer, Albert	do	13.00	
Offer, William	do	16.00	
Ostendorf, Mark J.	do	20.00	
Parker, Howard B.	do	28.00	
Reilly, Hugh, jr.	do	8.00	
Robinson, Harry T.	do	47.00	
Rosner, Henry E.	do	13.00	
Rudolph, Lawrence	do	28.00	
Sather, Gerhard G.	do	39.00	
Schwartz, Arthur	do	28.00	
Seelinger, Roy F.	do	10.00	
Selley, Harvey L.	do	12.00	
Spann, Jack	do	42.00	
Stansberry, John H.	do	11.00	
Steinegger, William F.	do	24.00	
Wells, Sylvan A.	do	25.00	
Wilkinson, W. K.	do	2.00	
Williams, Henry	do	10.00	
Wilson, Thomas A.	do	10.00	
Winther, Howard D.	do	44.00	
Zwingle, Herbert	do	12.00	
Paul, Lulu Jean	Temporary messenger, at $8 per month	1.60	
Total		519,802.31	
In Washington.			
Abbe, Cleveland	Professor of meteorology, at $3,000	3,000.00	$19.16
Bigelow, Frank H.	do	2,866.67	461.25
Garriott, Edward B.	do	3,000.00	89.25
Marvin, Charles F.	do	3,000.00	49.50
Frankenfield, Harry C.	Professor of meteorology, at $2,500 and at $3,000.	2,541.66	647.33
Henry, A. J.	do	2,541.66	83.65
Berry, James	Chief of climatological division, at $2,750	2,750.00	3.00
Geddings, Richard M.	Observer, at $1,200	1,200.00	
Total		20,899.99	

Total amount of appropriation	$541,550.00
Total expenditures under above group	540,702.30
Unexpended balance	847.70

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Barber, John T	Compositor, at $1,250	$48.62	
Balster, John A	Folder and feeder, at $720	36.00	
Fowler, Archibald W	....do	12.00	
Samuel, Frank K	....do	46.00	
Total		142.62	
Out of Washington.			
Bengston, Joseph	Rainfall observer, at $10 per month	54.00	
Skar, John	....do	22.00	
Morebeck, Theodore C., jr	Rainfall observer, at $7.50 per month	90.00	
Bauman, Peter T	Rainfall observer, at $7 per month	52.75	
Do	Rainfall observer, at $3 per month [a]	10.00	
Willis, Wilbur F	Rainfall observer, at $7 per month	28.00	
Stevens, A. E	Rainfall observer, at $5 per month	30.00	
Battle, Gaston	Rainfall observer, at $3 per month	36.00	
Blow, Sparta E	....do. [a]	16.50	
Brown, Wm. H	....do. [a]	16.25	
Caldwell, R. L	....do	16.50	
Calhoun, M. M	....do	16.50	
Campbell, Julia A	....do	36.00	
Clark, Helen M	....do	18.00	
Collins, D. K	....do	36.00	
Cox, C. D	....do	16.50	
Cruse, Rufus	....do. [a]	36.25	
Cummings, L. B	....do. [a]	19.00	
Davant, Laura E	....do. [a]	36.25	
Elder, William C	....do	36.00	
Enloe, V. P	....do	16.75	
Erwin, Ella	....do. [a]	38.75	
Gaillard, B. P	....do	36.00	
Gladney, Stella	....do. [a]	3.75	
Goley, W. R	....do	36.00	
Hale, G. W. B	....do	36.00	
Jewett, Alice G	....do	36.00	
King, Joel W	....do	20.80	
Mathews, W. E	....do	36.00	
Miley, Adolyn G	....do. [b]	39.50	
Miller, Lee F	....do. [a]	37.00	
Milner, Ida J	....do	10.50	
Milner, Mary	....do	6.00	
Moore, Alice F	....do	18.00	
Newton, E. A	....do	16.50	
Pledge, Bell D	....do	36.00	
Redd, E. M	....do	36.00	
Russell, E. H	....do	36.00	
Rynearson, W. S	....do	36.00	
Smith, Ella B	....do	16.50	
Spencer, Walter B	....do. [b]	47.50	
Talley, R. K	....do	36.00	
Unumb, P. O	....do	18.00	
Walker, Wm. C	....do	16.50	
Whisler, Howard F	....do	36.00	
Wilder, Thos. B	....do	36.00	
Wilson, Daniel	Rainfall observer, at 75 cents per observation	6.75	
Anderson, A. G	Rainfall observer, at 50 cents per observation	3.50	
Brown, J. E	....do	4.00	
Crawford, William A	....do	4.50	
De Long, G. E	....do	1.50	
Duckworth, F. W	....do	7.50	
Fairchild, C. L	....do	6.00	
Ferguson, H. S	....do	.50	
Hayes, Mary A	....do	6.50	
Kelly, Sylvenus	....do	2.00	
Kiefer, R. J	....do	2.00	
Kissinger, Charles E	....do	3.50	
Laird, Jacob	....do	10.00	
McSheehy, H. J	....do	4.50	

[a] 25 cents for each observation in addition to one a day.
[b] 50 cents for each observation in addition to one a day

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Moffett, C. W.	Rainfall observer, at 50 cents per observation.	$1.00	
Murphy, H. N.	do	2.50	
Nicholson, R. B.	do	8.00	
Pomeroy, Jas. T.	do	9.50	
Raffensferger, E. H.	do	4.00	
Roberts, John K.	do	11.00	
Scoville, E. R.	do	4.00	
Stokey, Charles F.	do	1.00	
Warner, F. C.	do	3.00	
Williams, A. R.	do	1.00	
Willson, Clyde J.	do	7.50	
Wright, Edward F.	do	9.00	
Bailey, Wm. Curtiss	Rainfall observer, at 25 cents per observation.	1.00	
Carter, Ethel M.	do	1.25	
Dorn, George	do	.50	
Moon, Emery P.	do	.25	
Allen, Grover C.	Cotton region observer, at 20 cents per observation.	15.20	
Allred, James S.	do	24.60	
Anthony, William B.	do	39.80	
Arms, William S.	do	13.40	
Babb, F. A.	do	39.80	
Bainbridge, Wm.	do	20.80	
Ballard, O. O.	do	38.80	
Barkdull, Chas. R.	do	24.20	
Barr, William Y.	do	39.60	
Bee, Robert W.	do	39.80	
Behymer, John L.	do	38.60	
Bell, A. M.	do	39.80	
Bills, John D.	do	39.80	
Blount, H. W.	do	39.80	
Bohannon, Annie M.	do	39.80	
Bowles, H. D.	do	31.60	
Brislin, Andrew	do	39.80	
Brooks, E. G.	do	18.40	
Brosman, Geo. C.	do	39.60	
Burke, E. B.	do	39.80	
Burke, R. S.	do	39.80	
Caldwell, R. L.	do	39.80	
Calhoun, M. M.	do	39.80	
Canada, J. M.	do	39.80	
Cantwell, O. F.	do	39.80	
Carleton, F. E.	do	39.80	
Carriger, Earnest, A.	do	39.80	
Carter, John.	do	39.80	
Chapman, J. A.	do	39.80	
Clark, Randal W.	do	39.00	
Coleman, —	do	39.80	
Cooper, Henry S. S.	do	39.60	
Cowan, P. L.	do	39.80	
Cox, C. D.	do	39.80	
Cox, J. M.	do	39.80	
Crawford, Jas. T.	do	39.80	
Crawford, Mary V.	do	39.80	
Crisler, Henry H.	do	39.80	
Crist, R. C.	do	34.40	
Crittenden, Sarah A.	do	39.80	
Davidson, James J.	do	39.80	
Davis, B. M.	do	39.80	
Davis, George O.	do	24.60	
Deignan, Florence	do	39.80	
Dunn, E. L.	do	39.80	
Edler, Wallace C.	do	39.80	
Eisenlohr, G. A.	do	39.80	
Ellis, E. I.	do	39.80	
Ellsworth, A. M.	do	39.80	
Enloe, Nathaniel O.	do	15.20	
Enloe, V. P.	do	39.80	
Etheridge, A. T. B.	do	39.80	
Eubank, E. M.	do	39.20	
Fennel, Perryman H.	do	15.20	
Ford, Lizzie C.	do	39.80	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Forster, J. G	Cotton region observer, at 20 cents per observation.	$39.80	
Frobese, H. R	do	39.80	
Gibbs, R. A	do	38.20	
Gibson, E. L	do	39.80	
Gilbert, H. K	do	39.80	
Glover, Charles A	do	2.20	
Godfrey, L. D., jr	do	39.80	
Godfrey, W. R	do	39.80	
Graham, Eva T	do	39.60	
Granberry, Joseph D	do	15.20	
Hall, E. H	do	39.80	
Harbison, M. G	do	39.80	
Harris, Francis B	do	39.80	
Hawkins, Curtis	do	24.60	
Heath, Charles J	do	8.00	
Hetherwick, Clarence, jr	do	39.80	
Hiers, Aquilla R	do	37.60	
Higgins, Annie L	do	5.80	
Hill, James B	do	39.80	
Hillhouse, A. B	do	39.80	
Hite, E. J	do	39.80	
Hodges, Harmon A	do	9.00	
Hofman, Mary	do	39.80	
Hogins, J. F	do	39.80	
Horry, A. R	do	39.80	
Honk, Nelson	do	39.80	
Hudson, J. H	do	39.80	
Hughs, Fanny M	do	14.40	
Hunter, William S	do	24.60	
Hurt, Theodore	do	24.60	
Hutson, James G	do	39.80	
Jones, A. B	do	39.80	
Jones, Josephine G	do	39.80	
Jones, Tempest E	do	39.20	
Kaiser, Geo	do	39.80	
King, R. L	do	39.80	
Kitchell, H. G	do	39.80	
Knight, Maude E	do	39.60	
Lange, G. D. C	do	24.60	
Lange, Mathilda E	do	15.20	
Larimer, Samuel R., jr	do	6.00	
Lewis, G. F	do	39.80	
Long, J. W	do	38.40	
Longserre, C. D	do	39.80	
Lore, F. G	do	39.80	
Lucas, E. L	do	39.80	
McCall, James G	do	39.80	
McCall, James P	do	.60	
McCollister, Jessie O	do	40.00	
McComb, M. G	do	39.60	
McCook, Anna R	do	33.40	
Mann, C. E	do	39.80	
Markham, T. R	do	11.60	
Markham, Wm. H	do	39.60	
Milner, Ida J	do	15.20	
Milner, Mary	do	24.60	
Moore, Samuel	do	39.80	
Mosby, Langston B	do	39.80	
Moses, R. Y	do	39.80	
Nash, M. J	do	8.20	
Newman, Isadore	do	39.80	
Newton, E. A	do	39.60	
Nisbett, Herschel T	do	39.80	
Norris, Charles	do	12.20	
Orr, Bertha D	do	39.80	
Owen, Walter A	do	18.40	
Parish, J. L	do	39.80	
Parramore, P. J	do	16.80	
Penn, Maud C	do	39.80	
Propst, C. A	do	39.80	
Read, A. H., jr	do	39.80	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Regan, J. P.	Cotton region observer, at 20 cents per observation.	$39.80	
Roberts, Quarles M.	do	9.80	
Robinson, F. P.	do	39.80	
Roderick, John F.	do	24.00	
Roos, Achille L.	do	16.60	
Ruffin, James S.	do	39.80	
Rutherford, Mary	do	15.20	
St. Clair, Elmer E.	do	15.20	
Sasser, Thos.	do	39.80	
Savage, W. J.	do	39.80	
Scott, J. A.	do	39.80	
Shafer, John O.	do	15.00	
Shannon, F. W.	do	36.80	
Shell, D. H.	do	39.80	
Sinclair, Martha A.	do	39.80	
Sloan, J. F.	do	6.20	
Sloan, J. G.	do	18.40	
Smith, Ella B.	do	39.80	
Smith, L. A.	do	39.00	
Smith, L. C.	do	39.80	
Smith, Mary A.	do	39.80	
Smith, Pearl	do	38.40	
Steele, David A.	do	24.60	
Stickfort, Joe	do	39.60	
Stone, Louise C.	do	39.80	
Taylor, Nettie B.	do	39.80	
Terrill, Allen D.	do	15.20	
Thorne, Chas. E.	do	24.60	
Towers, C. Lloyd	do	29.40	
Towers, Edna B.	do	10.40	
Towers, W. M. jr	do	39.80	
Turnham, Shapleigh Ross	do	3.00	
Tuttle, Chas L.	do	15.20	
Twitty, Annie L.	do	38.80	
Vann, Enoch J.	do	15.00	
Walker, R. W.	do	24.60	
Walker, William C.	do	15.20	
Wannamaker, J. S.	do	39.80	
Webber, K. I.	do	39.60	
Weir, Elmer S.	do	39.80	
Wintz, Lulla M.	do	39.80	
Whitcomb, Robt. L.	do	15.20	
White, John A.	do	39.80	
Whitlock, J. B.	do	39.80	
Whitson, H. L. D.	do	39.80	
Wimberley, Clara O.	do	37.80	
Yerby, Wm. E. W.	do	9.40	
Abell, J. J.	Corn and wheat observer, at 20 cents per observation.	36.60	
Adams, E. H.	do	36.60	
Adams, H. K.	do	36.60	
Adkins, Anna L.	do	36.60	
Alcorn, Lucien C.	do	36.60	
Allard, D. N.	do	36.40	
Anderson, A. G.	do	36.60	
Atkinson, Jno. D.	do	36.60	
Barnes Eli A.	do	36.60	
Bastien, E. A.	do	36.60	
Bates, John J.	do	36.20	
Benecke, Louis	do	36.60	
Berry, Henry S.	do	17.20	
Blachly, C. P.	do	36.60	
Bock, A.	do	36.60	
Bogan, J. F.	do	18.40	
Bornemann, Wm.	do	36.60	
Boyer, Edith E. L.	do	36.60	
Breiner, Wm.	do	36.60	
Brink, J. R.	do	36.60	
Brown, Jas. L.	do	24.40	
Buckles, Alfred Y.	do	18.20	
Carlson, Andrew J.	do	10.60	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Carpenter, W. I.	Corn and wheat observer, at 20 cents per observation.	$36.60	
Carrington, George D	do	36.60	
Carter, Laura M	do	18.40	
Carter, Sarah E	do	18.20	
Cassidy, Samuel C	do	18.20	
Causey, L. G	do	36.60	
Chenowith, John I	do	36.60	
Clingman, G. S	do	36.60	
Coonradt, Jacob H	do	36.60	
Courtright, Samuel W	do	36.60	
Cramb, W. F	do	36.60	
Crooke, John W	do	36.60	
Davis, Edna J	do	36.60	
Davis, Geo. W	do	36.60	
Davis, Lewis E	do	36.60	
Davisson, W. J	do	36.60	
Delano, W. H	do	36.60	
Doolittle, Francis C	do	18.20	
Doolittle, Jessie W	do	18.40	
Downey, C. W	do	36.00	
Ducharme, John	do	36.60	
Dumas, Harry	do	18.40	
Dunham, R. E	do	36.60	
Eckstein, Andrew J	do	36.60	
Estabrook, Geo. R	do	6.00	
Ewing, D. E	do	36.60	
Faxon, George B	do	36.60	
Fisher, Wm. L	do	36.60	
Frick, Jno. H	do	36.60	
Gallett, D. G	do	36.60	
Gaston, Wm. L	do	36.60	
Goodell, J. W	do	18.40	
Gray, Clinton C	do	36.60	
Greene, Wm. J	do	36.60	
Greening, C. F	do	36.60	
Guthe, Karl E	do	36.60	
Haberlein, Ed. F	do	36.60	
Hadden, David E	do	36.60	
Haight, H. H	do	36.60	
Harris, Geo	do	36.60	
Heilshorn, John F	do	36.60	
Henderson, W. H	do	36.60	
Henning, Carl F	do	36.60	
Herrmann, Charles	do	18.20	
Higginbotham, R. L	do	36.60	
Hinman, Bertha M	do	17.00	
Holstrom, Aaron	do	36.40	
Hood, James F	do	36.60	
Hopley, James R	do	36.40	
Hughes, Frank A	do	36.60	
Ivanoff, Petko L	do	36.60	
Jones, Elizabeth	do	30.60	
Jones, Wm. James, jr	do	36.60	
Judd, John	do	33.60	
Katzenberger, George A	do	36.60	
Keithly, J. W	do	36.60	
Kuhlman, Josie B	do	35.20	
Lamkin, Frank	do	18.40	
Landis, John H	do	36.60	
Lane, Cory L	do	36.60	
Lester, E. W	do	36.40	
Liggett, Ida M	do	18.00	
List, Garrett V	do	18.20	
Llewellyn, J. F	do	36.60	
Lorback, David	do	36.60	
Maple, Chas. O	do	36.60	
Marsh, Mary D	do	36.60	
Massena, Chas	do	18.20	
Mikesell, Thomas	do	36.60	
Monk, John F	do	36.20	
Moser, E. A	do	36.60	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Moyer, Lloyd G	Corn and wheat observer, at 20 cents per observation.	$36.60	
Mullen, L	do	36.60	
Nesbit, M	do	36.60	
Newton, Martin L	do	36.60	
Nicholson, W. J	do	18.40	
O'Connell, James	do	35.80	
Parmelee, John B	do	36.60	
Patterson, M	do	18.40	
Peltier, Allie	do	36.60	
Peoples, G. W	do	36.60	
Perry, John A	do	36.40	
Peters, John A	do	36.60	
Peterson, Augustus O	do	36.20	
Phillips, Victor E	do	36.60	
Pike, Maude S	do	36.60	
Poling, Nelia	do	36.60	
Porter, Hosmer C	do	36.60	
Preissler, H. W	do	34.80	
Quamme, Joseph	do	25.60	
Randle, Wilbur F	do	36.60	
Ransom, F. L	do	36.00	
Rush, Jno. M	do	17.40	
Rush, N. M	do	18.40	
Salick, Charles J	do	36.60	
Sharp, A. J	do	36.60	
Sharp, J. F	do	36.60	
Shaver, E. A	do	12.20	
Shaw, Mabel S	do	36.60	
Sheldon, Albert	do	18.20	
Sheridan, Mary W. C	do	36.60	
Shontz, Isaac S	do	36.60	
Shutt, Paul P	do	33.40	
Starks, Ralph V	do	18.20	
Stelle, Theo. P	do	18.20	
Stokey, Charles F	do	36.60	
Swaim, Henry H	do	36.60	
Swartz, John C	do	13.60	
Swift, Emma	do	36.60	
Talbott, Geo. M	do	36.60	
Turrell, H. B	do	35.80	
Unumb, P. O	do	36.40	
Van Fleet, P. B	do	35.60	
Van Sandt, A. S	do	36.60	
v. Mansfelde, A. S	do	36.60	
Walling, P. A	do	36.60	
Warner, F. C	do	36.40	
Webb, M. A	do	36.60	
White, Fred U	do	36.60	
White, W. C	do	36.60	
Whiteley, Isaac L	do	36.60	
Wood, Chas. E	do	36.60	
Wood, E. W	do	18.40	
Woodward, I. L	do	36.60	
Woodward, Truman S	do	36.60	
Woolner, James	do	35.20	
Brice, James Y	River observer, at $10 per month	120.00	
Briggs, E. G	do.[a]	83.75	
Denny, William P	do	120.00	
Duncan, Helen T	do	120.00	
Glover, Amelia	do	120.00	
Helms, Lattus C	do	57.75	
Do	River observer, at $7 per month	42.00	
Hillhouse, George A	River observer, at $10 per month	48.33	
Joyce, W. A	do	60.00	
Kelly, Harry H	do	120.00	
Lightner, S. W	do	120.00	
McMahon, Austin	do	75.00	
Modisett, B. F	do	120.00	
Richter, H. E	do	70.75	
Utley, B. J.	do	120.00	

[a] *25 cents* for each observation in addition to one a day.

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Brown, William C.	River observer, at $9 per month	$108.00	
Breithaupt, Henry	River observer, at $7.50 per month	92.00	
Jaynes, C. E.	do	67.50	
Van Gasken, W. P.	do	67.50	
Albert, Daisy L.	River observer, at $7 per month	49.25	
Allen, H. D.	do	84.00	
Anderson, Stephen B.	do	84.00	
Andres, Perry	do.[a]	43.25	
Back, Louis	do	28.00	
Baird, H. L.	do.[a]	84.25	
Baldwin, George W.	do	28.00	
Bancks, George F.	do	84.00	
Barker, F. M.	do.[b]	62.75	
Beal, Fred	do.[a]	86.50	
Bernard, Amasa	do	84.00	
Bibby, Richard	do	35.25	
Bishop, Birdie E.	do	49.00	
Blachly, C. P., jr.	do	84.00	
Blackwell, W. L.	do	42.00	
Blake, Sadie H.	do.[a]	85.00	
Bloss, Richard P.	do	28.00	
Blundell, Sidney E.	do	84.00	
Boone, A. L.	do.[a]	84.75	
Booze, D. D.	do.[a]	86.50	
Boyd, A. C.	do.[a]	85.00	
Bridge, H. P.	do	50.75	
Brislin, C. F.	do.[a]	84.75	
Brockman, W. S.	do	42.25	
Brosnan, S. W.	do.[a]	85.00	
Brown, Myron S.	do	38.50	
Brown, Wyatt H.	do	84.00	
Bruns Charles N.	do.[a]	85.00	
Buchanan, James C.	do	84.00	
Budd, De Wayne B.	do.[b]	34.00	
Bull, H. E.	do.[a]	85.00	
Burtner, Anna R.	do.[a]	106.50	
Butler, William	do	28.00	
Carr, J. C.	do	84.00	
Carson, L. Guy	do.[a]	86.00	
Chipman, F. H.	do.[a]	42.75	
Clarke, Rodney G.	do	84.00	
Clement, R. W.	do	50.30	
Cline, W. M.	do	38.50	
Cluett, Sanford L.	do	28.00	
Coburn, M. E.	do.[c]	116.20	
Coleman, G. D.	do	21.00	
Compton, James Z.	do	11.45	
Cone, O. M.	do	84.00	
Cosby, A. B.	do	84.00	
Costigan, Lillie M.	do.[b]	34.00	
Covington, Jerry A.	do	70.00	
Crawford, Annie C.	do	84.00	
Crawford, R. W.	do	44.75	
Crossen, Elmer W.	do	49.00	
Crumbliss, H.	do.[d]	130.35	
Culbertson, Robert S.	do	52.50	
Cullen, Arthur H.	do	49.00	
Davis, Chattie May	do.[a]	91.00	
Dean, James L.	do	42.00	
Deschneau, John	do	84.00	
Disney, C. P.	do	70.00	
Dixon, F. E.	do.[a]	49.00	
Drewry, W. N.	do	84.00	
Duncan, Thos. M.	do.[a]	92.00	
Dunn, E. N.	do	84.00	
Edeler, James O.	do	49.50	
Exner, Felix E.	do	42.50	
Faires William S.	do	84.00	

[a] 25 cents for each observation in addition to one a day.
[b] 50 cents for each observation in addition to one a day.
[c] 10 cents for each report delivered.
[d] 15 cents for each report delivered.

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Fennell, Helen A.	River observer, at $7 per month	$18.67	
Fisher, John W.	do.[a]	85.50	
Flagg, Lester L.	do	49.25	
Flanagan, V. V.	do	84.00	
Fogalsang, Frank M.	do.[a]	68.00	
Fonda, Simeon S.	do	7.00	
Forney, E. L.	do.[a]	46.75	
Forsyth, E. A.	do.[a]	85.00	
Fowler, S. A.	do.[a]	84.50	
Gallagher, J. C.	do	42.25	
George, David B.	do.[a]	49.25	
George, Harry	do	28.00	
Gillis, James A.	do	84.00	
Gillum, R. G.	do	55.50	
Do	River observer, at $3 per month	9.00	
Glenn, William T.	River observer, at $7 per month	42.95	
Gollon, Frank L.	do.[a]	84.25	
Goodhue, D. P.	do.[a]	86.75	
Goodrich, R. C.	do	84.00	
Grayson, Mary F.	do	84.00	
Guise, H. H.	do.[a]	85.50	
Gurr, David	do	42.00	
Hall, Frank P.	do.[a]	94.75	
Hall, W. P.	do	84.00	
Hansen, Peter	do	49.25	
Hanson, Aaron H.	do	42.00	
Harbison, R. T.	do	84.00	
Heath, Lela K.	do	9.10	
Hemstreet, Obadiah	do.[a]	84.50	
Henderson, W. P.	do	14.00	
Hendricks, J. A.	do	84.00	
Hicken, Wm. A.	do	28.00	
Hoffman, Edward L.	do	28.00	
Holland, John W.	do	84.00	
Hollister, Abram M.	do	28.00	
Holmes, Joseph R.	do	84.00	
Holmes, Mary A.	do.[a]	86.50	
Holstein, A. L.	do	84.00	
Holt, John	do	84.00	
Hornbrook, A. B.	do.[a]	87.50	
Howe, S. G.	do.[a]	86.00	
Hudson, James M.	do	83.77	
Hurd, Wm. L.	do	21.00	
Hutchison, Lon H.	do.[a]	84.25	
Hutton, Frank O.	do.[a]	49.50	
Johnson, W. R.	do	24.50	
Jones, Milton R. R.	do	56.25	
Keyser, J. F.	do.[b]	35.67	
Kirkbride, W. R.	do.[a]	85.50	
Kramer, Ella Lee	do.[a]	93.75	
Laden, James H.	do.[b]	37.75	
Libby, Harry T.	do	49.25	
Ligon, H. H.	do	84.00	
Logan, Benjamin C.	do.[a]	85.25	
Long, Luther Street	do.[a]	84.25	
Lorentz, E. C.	do.[a]	92.50	
Love, Joseph B.	do.[a]	84.50	
Lynch, J. R.	do	49.00	
McAfee, J. M.	do.[a]	44.00	
McGowan, R. T.	do.[a]	107.75	
McLendon, James A.	do.[b c]	79.55	
McLeod, B. B.	do	42.00	
McLeod, John E.	do	84.00	
McMeekin, Thomas L.	do.[a]	84.75	
Mackey, John B.	do	28.00	
Magnus, Theodore	do	52.50	
Mahoney, John B.	do	28.00	
Mallachowitz, Clyde	do	35.00	
Marsh, H. N.	do.[a]	85.50	
Marsh, Stephen D.	do.[b]	34.50	

[a] 25 cents for each observation in addition to one a day.
[b] 50 cents for each observation in addition to one a day.
[c] 15 cents for each report delivered.

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Marshall, Robert S	River observer, at $7 per month	$21.00	
Martin, Walter E	do	84.00	
Mason, Joel M	do[a]	84.75	
Mathews, Sallie B	do[a]	84.50	
Maushund, Chas. T	do	84.00	
Meldan, John A	do	27.30	
Miller, Jacob	do[a]	85.00	
Mims, M. J	do[a]	28.75	
Mqlis, William P	do	42.00	
Monroe, G. H	do[a]	46.00	
Moore, Henry	do	49.00	
Morrison, Chester L	do[a]	55.18	
Nafus, Nelie	do	84.00	
Nease, William B	do	28.00	
Nellis, Annie V	do	84.00	
Norton, D. A	do[a]	48.00	
Norton, M	do	49.50	
Oleson, Eric	do	14.25	
Orr, H. S	do	84.00	
Oswald, G. W	do	84.00	
Palmer, W. G	do	63.00	
Park, John F	do	84.00	
Payne, A. B	do[a]	89.50	
Payton, J. E	do	84.00	
Pegram, Geo. E	do	85.27	
Perley, Frank A	do	42.00	
Phillips, H. M	do[b]	116.45	
Pickard, Peter C	do	28.00	
Pickering, Earl C	do[a]	84.25	
Pipal, Henry E	do[a]	53.75	
Plantz, Jerry S	do[a]	86.25	
Powe, J. H	do[a]	85.25	
Proudfoot, F. R	do[a]	92.50	
Purcell, Thomas	do	84.00	
Pyle, Grant	do	13.57	
Quackenbush, William	do	28.00	
Quarterman, Robert H	do	42.00	
Randecker, Calvin	do[c]	138.75	
Rankin, James T	do	84.00	
Reed, Seth A	do	28.00	
Reynolds, Jas. W	do	84.00	
Rinkle, Maggie	do[a]	160.75	
Rist, D. D	do[a]	84.50	
Roberts, Arthur	do[a]	85.50	
Roberts, Luke	do	42.00	
Rodibaugh, L. C	do[a]	96.25	
Roers, F. R	do	40.83	
Roos, Fannye B	do	53.23	
Rothenburg, Jno. W	do	14.00	
Rousseau, Eugene	do	52.50	
Schaefer, Gustave	do	84.00	
Schaum, Cora A	do[a]	84.25	
Seamands, Oscar A	do	14.00	
Shaughnessy, Jas. J	do	84.00	
Sheafe, Lemuel B	do	49.25	
Sherman, J. H	do	84.00	
Shuler, Charles T	do[a]	84.75	
Sickenberger, Louis F	do	84.00	
Sickman, A. F	do[a]	43.75	
Simpson, Jas. K	do[a]	93.25	
Sinclair, William F	do	49.00	
Sisson, Frank	do	28.00	
Smith, David W	do[a]	86.25	
Smith, Josie G	do	84.00	
Smith, Lebert	do	7.00	
Smith, Mary S	do	42.00	
Spencer, Thomas C	do[d]	94.00	
Spencer, Addison M	do	28.00	

[a] 25 cents for each observation in addition to one a day.
[b] 50 cents for each observation in addition to one a day.
[c] 15 cents for each report delivered.
[d] 25 cents for each report delivered.

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Spencer, Charles M.	River observer, at $7 per month [a]	$84.50	.....
Sprague, Catharine	.....do.[a]	85.75	.....
Stanton, J. Clark	.....do	35.25	.....
Starkweather, H. H	.....do	84.00	.....
Stearns, William E	.....do	14.00	.....
Stigall, C. G	.....do.[b]	115.20	.....
Stone, Clark W	.....do	84.00	.....
Stone, Sydney M	.....do	51.50	.....
Stoner, J. H	.....do.[a]	84.25	.....
Streeter, Hiram R	.....do.[c]	28.05	.....
Swann, J. E	.....do.[c]	59.75	.....
Swift, N. O	.....do	49.00	.....
Teter, L. I	.....do.[a]	84.25	.....
Thompson, John	.....do	84.00	.....
Thompson, Joseph B	.....do	61.75	.....
Thompson, J. K	.....do	49.00	.....
Toogood, R. S	.....do	84.00	.....
Towers, W. M	.....do.[a]	87.00	.....
Tucker, J. J	.....do	84.00	.....
Turk, H	.....do.[a]	109.50	.....
Van Gieson, Aaron R	.....do	84.00	.....
Venable, Lula E	.....do	84.00	.....
Vrooman, Edward A	.....do	28.00	.....
Walter, Joseph S	.....do	83.30	.....
Ward, John M	.....do.[a]	84.25	.....
Watkins, C. G	.....do	84.00	.....
Weeks, J. T	.....do.[a]	84.75	.....
Weir, John C., jr	.....do	84.00	.....
Welch, Clint	.....do	42.00	.....
Wentworth, H. A	.....do	42.00	.....
Wheeler, A. L	.....do	7.00	.....
White, Lawrence	.....do.[c]	51.25	.....
Wilkinson, Roscoe T	.....do	52.75	.....
Willis, J. L	.....do	83.77	.....
Willis, L. W	.....do	63.00	.....
Wintermute, F. C	.....do.[a]	86.00	.....
Wolfe, William B	.....do	84.00	.....
Wood, William	.....do	84.00	.....
Wright, G. A	.....do.[c]	49.50	.....
Do	River observer, at $3 per month	13.50	.....
Wyman, W. S	River observer, at $7 per month [a]	86.25	.....
Yager, Franklin	.....do.[a]	85.75	.....
York, C. V	.....do	84.00	.....
Young, Charles W	.....do	28.00	.....
Zimmerman, Wm. E	.....do	14.00	.....
Angell, W. V	River observer, at $6 per month	15.00	.....
Bellamy, D. W	.....do	56.00	.....
Bender, John	.....do	72.00	.....
Booth, Tom A	.....do	72.00	.....
Bridge, Sophie	.....do	72.00	.....
Buchanan, A. F	.....do	72.00	.....
Dennis, Royal	.....do	72.00	.....
Eisenlohr, F. W	.....do.[a]	72.25	.....
Elliott, Judson	.....do	16.00	.....
Eubanks, Lilian M	.....do	6.00	.....
Hall, S. E	.....do	72.00	.....
Higdon, Carrie W	.....do	18.25	.....
Higdon, Emily	.....do	18.00	.....
Johnson, J. M	.....do	72.00	.....
Johnson, T. A	.....do.[d]	74.50	.....
Kennerly, Thomas C	.....do	48.00	.....
McLeod, Francis A	.....do	24.00	.....
Miller, C. A	.....do.[c]	86.50	.....
Sneed, Fannie	.....do	36.05	.....
Stroter, Henry W., jr	.....do.[c]	73.50	.....
Towner, W. L	.....do	66.50	.....
Tyner, M. J	.....do	4.00	.....
Whitlock, Nina	.....do	36.20	.....

[a] 25 cents for each observation in addition to one a day.
[b] 10 cents for each report delivered.
[c] 50 cents for each observation in addition to one a day.
[d] 25 cents for each report delivered.

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Worsham, Carrie W.	River observer at $6 per month	$12.00	
Zirjacks, Chas. C.	do	73.00	
Austin, J. P.	River observer, at $5 per month	60.00	
Baldwin, N. P.	do	60.00	
Bateman, D. J.	do	8.00	
Brooks, Millard F.	do	60.00	
Brooks, S. L.	do	60.00	
Buell, M. D. L.	do	10.00	
Butler, Margaret A.	do.[a]	60.50	
Calhoun, W. H.	do	60.00	
Cann, George W.	do	60.00	
Chaffin, G. W.	do	40.00	
Cooney, Michael	do	30.00	
Doyle, Patrick	do	16.83	
Fedderly, N. A.	do.[b]	1.50	
French, F. M.	do	60.00	
Harris, J. E.	do	7.50	
Harris, John E., jr.	do.[b]	51.50	
Laing, Mary R.	do.[b]	67.50	
LeFevre, E. M.	do.[b]	50.00	
McCall, H. B.	do.[a]	62.75	
Maddocks, William F.	do	20.00	
Mahoney, Edward	do.[b]	22.50	
Matthews, A. O	do	60.00	
Mooney, W. C.	do	45.00	
Oldham, J. V.	do.[a]	63.00	
Pfeiffer, Peter J.	do	60.00	
Piper, A. A.	do	60.00	
Power, Marcus C.	do	60.00	
Quattlebaum, M. G.	do.[a]	16.50	
Quattlebaum, Perry C.	do.[a]	47.00	
Schaeffer, Charles L.	do	6.33	
Sewell, G. W.	do	47.50	
Taylor, M. Stanton	do	5.00	
Tennison, Albert C.	do	20.00	
Thompson, Mamie	do	60.00	
Van Etten, Margaret	do	60.00	
Van Keuren, H	do	60.00	
Welch, J. L.	do.[a]	61.00	
Wood, Treffort	do	60.00	
Ling, Joseph A.	River observer, at $4 per month	30.75	
Allen, Warren E.	River observer, at $3 per month	23.40	
Edwards, Jno. W.	do.[a]	38.75	
Hastings, Warren J.	do	3.50	
Kingsnorth, Samuel	do	36.00	
Leonard, Lynn	do	36.00	
Mead, Sarah J.	do.[b]	6.50	
Trine, William H.	do	9.10	
Lybrand, James H.	River observer, at $2 per month	24.00	
Broyles, L. W.	River observer, at $1 per observation	18.00	
Foote, W. A.	do	12.00	
Furniss, D. C.	do	1.00	
McBride, Frank D.	do	10.00	
Ross, Pitt	do	11.00	
Saunders, Chloe	do	1.00	
Sullivan, V. L.	do	1.00	
Warren, James	do	10.00	
Anderson, T. J.	River observer, at 50 cents per observation	11.50	
Applegate, Wm. J.	do	2.00	
Atchley, S. L.	do	1.00	
Blake, H. B.	do	4.00	
Blecker, August, jr.	do	.50	
Causey, A. M.	do	12.50	
Coffin, George J.	do	5.00	
Coffin, J. M.	do	1.00	
Courtright, Samuel W.	do	5.00	
Droddy, C. A.	do	8.00	

[a] 25 cents for each observation in addition to one a day.
[b] 50 cents for each observation in addition to one a day.

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Gast, Neil J.	River observer, at 50 cents per observation.	$4.50	
Haines, Vere J.	do.	3.00	
Hughes, William P.	do.	21.00	
Hunter, DeWitt.	do.	.50	
Jones, Oscar.	do.	2.50	
King, James T.	do.	2.00	
Lapish, J. W.	do.	21.50	
Miller, John H.	do.	9.00	
Murphy, F. D.	do.	16.50	
Potts, E.	do.	6.50	
Pritchett, Isaac.	do.	11.50	
Rawlins, Henry O.	do.	2.00	
Saunders, B. F.	do.	62.50	
Senter, A. C.	do.	.50	
Smith, Selby A.	do.	.50	
Sonnedecker, T. H.	do.	3.00	
Sorrell, Gertrude.	do.	10.50	
Thomas, E. Stanley.	do.	2.50	
Whitlock, H. E.	do.	1.50	
Wilson, Ella M.	do.	1.50	
Woodward, Nelson M.	do.	3.50	
Yoest, E.	do.	14.00	
Bedillon, R. H.	River observer, at 25 cents per observation.	3.00	
Bailey, Francis W.	Water-level observer, at $1 per month.	9.00	
Sones, Earnest B.	Lake observer, at $1 per month.	3.00	
Blinn, W. O.	Snow and ice observer, at $3 per month.	12.00	
Montrose, Geo. A.	do.	6.00	
Patterson, S. E.	do.	12.00	
Rother, A. J.	do.	12.00	
Ballard, L. C.	Snow and ice observer, at 50 cents per observation.	8.50	
Ebbinghausen, Chas.	do.	8.50	
Thompson, D. F.	do.	8.50	
Webber, D. F.	do.	8.00	
Howe, Van V.	Hurricane observer, at $25 per month.	125.00	$4.25
Miller, Robert Jesse	do.	125.00	
Newsam, E. C.	do.	112.50	
Rawle, W. A. R.	do.	125.00	2.66
Scherer, T.	do.	112.50	
Boudreaux, Alex. O.	Sugar and rice observer, at 20 cents per observation.	39.80	
Bonney, Josephine M.	do.	21.40	
Buch, Joseph F.	do.	39.80	
Champagne, Claude.	do.	39.80	
Fremaux, Edward C.	do.	24.60	
McNeil, Angus P.	do.	15.20	
Moore, Charles V.	do.	39.80	
Moresi, Andrew.	do.	39.80	
Park, Edna M.	do.	39.80	
Powell, Mary E.	do.	18.40	
Westbrook, James L.	do.	39.40	
Dillon, Thos. C.	Storm-warning displayman, at $20 per month.	240.00	
Faris, Mark L.	do.	10.00	
Lamar, C. W.	do.	167.33	
McCormick, C. E.	do.	164.00	
Martin, W. D.	do.	240.00	
Powell, W. R.	do.	72.67	
Smith, Florence M.	do.	240.00	
Thompson, Roy E.	do.	20.00	
Do.	Storm-warning displayman, at $15 per month.	17.00	
Haggerty, T.	Storm-warning displayman, at $16 per month.	128.00	
Brown, Horace.	Storm-warning displayman, at $15 per month.	180.00	
Dagwell, Charles T.	do.	180.00	
Essing, Matilda H.	do.	180.00	
McCann, James.	do.	180.00	
McCarthy, Herman D.	do.	45.00	
Reinelt, Edward C.	do.	124.50	
Fisher, E. M.	Storm-warning display man, at $12.50 per month.	150.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Fuller, Sara C	Storm-warning displayman, at $12.25 per month.	$147.00	
Daggett, Hiram	Storm-warning displayman, at $12 per month.	144.00	
Massard, F. J	do	144.00	
Nolen, Alice	do	99.60	
Paine, Edith L	do	144.00	
Small, I. M	do	144.00	
Abbott, W. M	Storm-warning displayman, at $10 per month.	120.00	
Arner, Samuel J	do	30.00	
Barram, John S	do	83.67	
Bowley, Lurana W	do	10.00	
Bricker, W. S	do	120.00	
Brumfield, W	do	120.00	
Busselberg, H	do	120.00	
Campbell, Carl I	do	56.00	
Carland, Barbara	do	83.00	
Carlson, Annie M	do	83.00	
Clark, M. A	do	120.00	
Coe, W. A	do	120.00	
Coguenhem, Manuel	do	120.00	
Collins, L. C	do	83.00	
Conger, E. R	do	120.00	
Dalton, Lurana W	do	110.00	
Davis, Francis V	do	83.00	
Day, Eva E	do	120.00	
Dean, E. C	do	19.33	
Dishmaker, John, sr	do	27.00	
Donahue, Anna	do	83.00	
Dorchester, J. C	do	83.00	
Drake, J. E	do	120.00	
Eaton, J. L	do	120.00	
Ellison, Jesse O	do	83.00	
Ferrin, Geo. L	do	120.00	
Foerster, Paschal	do	120.00	
Foster, Adelaide F	do	120.00	
Foster, F. E	do	60.00	
Foust, C. M	do	83.67	
Frahm, Carrie M	do	83.00	
Fuller, Jane M	do	120.00	
Gallagher, M. E	do	120.00	
Gallagher, Mary T	do	45.00	
Garrity, Kate L	do	83.00	
Goetz, John F	do	73.00	
Halseth, Ida	do	120.00	
Hartho, Arthur C	do	83.00	
Hyland, Mary A	do	75.00	
Hyslop, John	do	120.00	
Italy, Rosetta	do	5.00	
Jackson, Edmond	do	7.00	
Kines, Wm. B	do	120.00	
Kingham, G. G	do	3.67	
LaBonte, R. J	do	83.00	
Laughlin, A. D	do	56.00	
Layton, C. W	do	83.00	
Leberman, A	do	83.00	
Lillyblad, Charles E	do	78.33	
Long, E. W	do	83.00	
Lory, Wm	do	120.00	
Luchie, S. P	do	120.00	
McArthy, Herman D	do	26.50	
McCobb, Charles H	do	120.00	
McFarlane, Wm	do	83.00	
McMillen, Alonzo C	do	78.33	
McNally, J. C	do	60.00	
Macintosh, Frederick L	do	120.00	
Marquette, Flora	do	83.00	
Matthews, H. S	do	120.00	
Meno, Joseph E	do	83.00	
Miles, Wm. J	do	83.00	
Morency, Amelia M. E	do	83.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Morrison, Sarah	Storm-warning displayman, at $10 per month.	$83.00	
Motley, Charles E., jr	do	83.67	
Motley, E. A	do	109.50	
Nagle, John	do	120.00	
Newberry, D. O	do	20.00	
Nickerson, Alfred	do	120.00	
Nickerson, E. C	do	120.00	
Olsen, Mary E	do	83.00	
Ostergren, E. A	do	83.00	
Perkins, Harry W	do	83.00	
Persons, C. E	do	83.00	
Pillichody, Henry D	do	100.00	
Plough, E. J	do	83.00	
Plummer, Frank	do	120.00	
Pool, V. A	do	27.00	
Pugh, Clara J	do	50.00	
Reinheimer, John B	do	83.67	
Risley, W. B	do	83.67	
Robb, Josephine R	do	83.00	
Robinson, M. F	do	120.00	
Robinson, Thos	do	120.00	
Root, Melvin L	do	87.00	
Searle, Charles P	do	120.00	
Shea, Ida E	do	120.00	
Skinner, Arvilla P	do	120.00	
Small, Rebecca M	do	83.00	
Stacey, Girdler	do	120.00	
Sykes, J. D	do	120.00	
Tefft, Nellie W	do	120.00	
Thomas, Alberta E	do	83.00	
Torrison, T. C	do	83.00	
Tobin, John E	do	83.00	
Tristram, Thos. H	do	83.67	
Truedell, Lena	do	83.00	
Upthegrove, J. G	do	83.00	
Van Weelden, Jennie	do	70.00	
Wade, Frank H	do	83.00	
Walker, A. L	do	100.00	
Watts, G. W	do	83.00	
Anderson, Emma L	Storm-warning displayman, at $9 per month.	70.80	
Clemons, Annie	do	48.30	
Clemons, Everitt J	do	27.00	
Dinneen, E. J	do	75.30	
Eldridge, Allen M	do	75.30	
Farrell, M. M	do	75.30	
Ganey, Daniel F	do	75.30	
Gray, Cassie E	do	75.30	
O'Connor, Timothy L	do	75.30	
Rice, Verne M	do	75.30	
Stearne, Clark M	do	75.30	
Kenyon, C. S	Storm-warning displayman, at $8.50 per month.	102.00	
Duncan, Thos	Storm-warning displayman, at $8 per month	96.00	
Graham, John	do	96.00	
Stevens, Enoch B	do	96.00	
Webb, A. H	do	96.00	
Hess, Will J	Storm-warning displayman, at $7.50 per month.	22.50	
Lawrence, Joseph	Storm-warning displayman, at $7 per month	84.00	
Tupper, W. M	do	84.00	
Tait, John W	Storm-warning displayman, at $6 per month	49.80	
Barraclough, J. H	Storm-warning displayman, at $5.50 per month.	66.00	
Cotton, James E	Storm-warning displayman, at $5.25 per month.	63.00	
Arnold, Harold L	Storm-warning displayman, at $5 per month	41.50	
Bennett, Constantia V	do	57.67	
Bickford, J. H	do	60.00	
Bishop, L. A	do	47.50	
Blackman, E. V	do	60.00	
Blomquist, John J	do	35.00	
Brannan, M. J	do	60.00	
Burckmyer, H. G	do	60.00	

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

LUMP-F ND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Burrows, C. E	Storm-warning displayman, at $5 per month.	$60.00	
Carlson, Anna C	do	60.00	
Cason, J. J	do	25.00	
Dow, F. S	do	60.00	
Duryee, Wm. B. C	do	60.00	
Ellis, Henrietta M	do	60.00	
Fisher, M. N	do	60.00	
Folk, Beulah G	do	57.67	
Fox, Henry	do	41.83	
Geraty, John W	do	60.00	
Griesser, Martha M	do	41.83	
Hanson, Emma C	do	41.50	
Hennig, Karl E	do	60.00	
Lutterloh, J. B	do	60.00	
Lysaght, Mary	do	41.50	
McGaw, Sara E	do	41.50	
Palmer, James R	do	60.00	
Pool, Fredericke	do	28.00	
Robinson, Thos. A	do	60.00	
Scanlan, Geo. N	do	60.00	
Shore, Philip	do	60.00	
Snow, Freeman A	do	60.00	
Sorenson, S. B	do	45.00	
Spencer, Charles B	do	25.83	
Thomas, W. W., jr	do	41.83	
Turbeville, William T	do	60.00	
Van Putten, Madalen A	do	41.50	
Van Weelden, Jennie	do	13.50	
Clark, P. S	Storm-warning displayman, at $4 per month	48.00	
Moore, R. L	do	20.00	
Morrish, G. M	do	24.00	
Watson, Elwyn G	Storm-warning displayman, at $3 per month	21.00	
Bacon, Alonzo T	Storm-warning displayman, at $2.50 per month	30.00	
Brown, Sol	do	30.00	
Broadwell, Wilmer	Storm-warning displayman, at $2.25 per month	4.50	
Riegel, Adolph G	do	22.50	
Bartlett, Charles M	Cranberry observer, at $10 per month	30.00	
Gurney, A. R	do	30.00	
Hackney, James	do	30.00	
Hornor, Ivins	do	30.00	
King, John N	do	50.00	
Malde, O. Gustav	do	50.00	
Total		50,198.54	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000."

Name.	Amount.	Name.	Amount.
Stationery.		*Stationery*—Continued.	
Amarillo Drug Co	$1.50	Cunningham, Arch	$3.40
Andrews Paper Co., R. P	10,543.68	Davison & Co., H. C	94.72
Bagley & Co., A. G	2.65	Decker, F. W	3.00
Baker Trisler Co	1.17	Derr, George W	3.30
Ballantyne, R. Carter	1,599.05	District of Columbia Paper Manufacturing Co	277.20
Brentanos, Inc	30.13	Eagle Pencil Co	284.73
Butler Paper Co., J. W	324.67	Faber, Eberhard	35.70
Buxton & Skinner Stationery Co	1.35	Fairservice, A	12.00
Cannon, C. B	3.50	Friedenwald Co., The	2,861.16
Carter, Rice & Co. (Corporation)	351.98	Globe-Wernicke Co	8.65
City Drug Store	1.75	Graham & Co., John W	2.25
Collings, A. J	27.00	Haines, W	3.35
Crane & Co	11.00		

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $650,000"—Continued.

Name.	Amount.
Stationery—Continued.	
Harger & Bliah	$3.50
Harris, George C	1.50
Hawaiian News Co. (Limited)	2.00
Hill, L. W	1.00
Jefferson, George H	3.25
Kemp, W. M	1.50
Kenzie, Thos. W	1.80
Kerin, Ed. L	.75
Kilham Stationery and Printing Co.	6.00
Kistler Stationery Co., The W. H	47.40
Library Bureau	10.20
Lindemeyr, Philip	3,502.29
Logan, E	3.00
Lowthian, John	2.65
McLean, John F	2.00
McNeil, H. H	4.50
Macey Co., The	19.13
Marshall-Jackson Co	87.50
Maverick-Clarke Lithograph Co	2.10
Megeath Stationery Co	4.50
Millar & Co., George W	60.64
Mooney, O. P	3.60
Morrison Paper Co	45.00
Nailor & Co., C. E	.75
New Wilson-Webb Co	1.50
O'Day's Book Store	2.00
Office Supply Co	4.00
Parker, D. Frank	483.60
Pioneer Press Co	1.30
Purnell, W. F	4.50
Schaal, William	8.95
Schlener & Co., John A	1.30
Schmidt, Fred A	135.50
Shipman's Sons, Asa L	37.50
Swayze, W. L	9,928.89
Swayze, Bailey & Co	192.18
Underwood Typewriter Co	3,510.30
United States Envelop Co	1,927.95
Valley Paper Co	912.25
Vanderhule & Sampson	5.00
Vaughan & Morrill Co	4.00
Vosburg, J. H	3.00
Webster Co., F. S	5.00
Weltmer, Jacob	5.75
Wheeler, Holland	2.15
Williston Drug Co	2.00
Winch, S. G	2.80
Yawman & Erbe Manufacturing Co	3.50
Zeklerbach & Sons, A	3.90
Zion's Cooperative Mercantile Institute	4.97
Total	37,499.74
Miscellaneous supplies, etc.	
Abilene Ice Co	2.80
Abilene Light and Water Co	15.00
Abilene Steam Laundry Co	6.00
Abita Spring Water Co. (Limited)	19.36
Able, O. B	42.00
Acme Sign Co	7.25
Adams, B. S	36.44
Adder Machine Co	250.00
Addressograph Co	846.36
Ahler Plumbing Co., J. A	17.00
Albert, Rohns & Co	169.00
Allright & Co., R. S	12.50
Aldridge Selling Co., The W	250.00
Allen Contracting Co., The	3.00
Allen, Henry	8.00
Allen, John T	4.00
Allen, Joseph	1.00
Allen, L. P	2.50
Allen Roofing Co	2.00
Allen Manufacturing Co., W. D	4.32

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Alpena Mutual Benefit Telephone Co	$6.50
Amarillo Drug Co	7.50
Amarillo Gas Co	25.60
American Bureau of Shipping	15.00
American District Telegraph Co	59.25
American Ice Co	9.60
American Linen Supply Co	6.00
American Medicine Publishing Co	2.00
American News Co	15.60
American Type Founders Co	2,588.29
American Writing Machine Co	3.25
Anchor Lamp Co	6.72
Anderson Co., A. J	4.30
Andres, Theodore	27.75
Angell Co., C. H	6.50
Anniston Water Supply Co	13.30
Applegate, W. J	80.00
Appleton, Ira W	20.00
Armbruster, R. H	4.00
Armstrong, A. E	2.25
Armstrong, J. N	2.65
Arnold & Wetherbee	5.05
Artes, Charles F	1.50
Ashby, T. J	65.00
Ashby, W. F	52.50
Atlantic City Carpet Cleaning Works	10.00
Atlantic Refining Co	.85
Atlantic City Sewerage Co., The	10.00
Austin, J. H	2.50
Ayers, John K	3.80
Babbitt Bros	2.35
Bacon, Wm. J	.75
Bacon, Willis W	3.50
Baier, Frank W	1.75
Bailey & Co., F. O	37.25
Baldwin, James R	2.30
Ball, Simon R	3.50
Baker & Co. (Incorporated)	16.90
Baker-Ossman Hardware Co	1.75
Baldwin & Co. (Limited)	.50
Baldwin, James R	4.60
Ball, C. C	6.00
Ball, O. R	13.15
Ball, Simon R	3.50
Ball, Thaddeus A	2.00
Ballance, David L	32.50
Ballauf, D	35.00
Ballantyne & Sons, Wm	47.00
Baltimore Towel Supply Co	6.00
Bancroft, D. B	2.50
Bannans Typewriter Exchange	5.50
Barber, Watson H	140.00
Barber & Ross	31.50
Barbour, H. F	49.50
Barger, L. J	10.00
Barnard, Fred. C	6.00
Barnes Co., W. F. & John	1.74
Barnes, H. J	8.00
Barnett, G. A	10.50
Barney, Carroll P	15.00
Barnhart Bros. & Spindler	102.73
Barteldes Seed Co	7.25
Bartlett, C. M	1.50
Bass, Oscar F	17.00
Baty, G. N	5.00
Baum, Daniel	1.50
Baumgarten Co., Herman	76.90
Baumgarten & Sons, J	521.00
Baumgartner, Wm	10.00
Bausch & Lomb Optical Co	6.41
Baxter, Lemuel	6.00
Beck, Alfred W	3.50
Beck Duplicator Co	329.38
Beck, J. Frank	9.00
Beechwood Ice Co., E. G	5.00
Becker & Co., Charles	212.53

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Miscellaneous supplies, etc.*—Cont'd.	
Beesley, George	$53.00	Buhne & Co., H. H.	$1.50
Beiselden, James	3.50	Bunnell & Co., J. H	14.00
Bell Co. (Incorporated) J. P	.60	Burchell, Wm	14.50
Bell, Jesse H	2.00	Burlington City Water Works	19.45
Bennett, N. B	10.00	Burnett, A. C	2.25
Bentley, Wilson A	200.00	Burns, B. A	84.89
Benton County Hardware Co	9.35	Burns, Wm. G	16.55
Bergsvik, Chris	3.00	Burroughs Adding Machine Co	1,420.77
Bernard Co., The E. G	399.10	Burrow, Martin & Co	5.25
Bernier, Napoleon	15.00	Burrowes Co., The E. G	25.10
Biddle, James G	2.56	Burrows & O'Daniel	5.00
Bigelow & Sons Co., The T. L	11.20	Burton, G. A	2.50
Bigger, R. D	4.80	Bush, John A	12.00
Biglin, Bernard	4.49	Bush-Krebs Co	17.54
Bills, T. H	18.50	Butscher, Joseph	6.00
Bills & Morgan	6.00	Butte Typewriter Exchange	7.65
Bingham Bros. Co	44.90	Cady, Malcolm	30.00
Bingham & Runge	3.00	Cahn & Co., Sol	1.00
Bingham's Son Manufacturing Co., Samuel	.80	Callahan, John J	4.00
Blaisdell, F. G	66.00	Callender, McAuslan & Troup Co	5.00
Blank, Chas. A	144.50	Campbell, Arthur, and Barney, Fannie A	3,036.00
Block, Edward	20.50	Campbell Bros. & Co	416.13
Blodgett Co., The G. S	22.50	Campbell, H. A	13.75
Bluemont Elevator Co	44.75	Campbell Printing Press & Manufacturing Co	9.10
Blumenstock, M	1.75	Canfield Hardware Co	7.00
Blythe, A. M	196.00	Cape, Henry L	6.00
Board of Public Works, Sault Ste. Marie	13.50	Capital Ice and Storage Co., The	9.00
Bogue, L. M	11.36	Carey Machinery and Supply Co	44.62
Bolzt, John	2.00	Carlin, C. R	95.00
Bonn, Geo. N	39.50	Carney, O. H	5.00
Bork, C. A	65.00	Carpenter, W	5.50
Born, E. A	11.55	Carr, A. M	5.00
Bosch Co., Hy	2.45	Carr, D. D	2.75
Boucher, B. J	45.00	Carter Electric Co., W. E	55.00
Bowe, C. E	3.00	Casey, J. W	44.00
Bowe & Co., W. W	131.14	Caswell Co., Howard M	42.00
Bowers Bros	14.25	Caverly, Incorporated, Robert B	68.77
Box Bros	80.00	Central Lumber Co	2.51
Boyd, William	12.50	Central Shops	36.00
Boyer, W. C	3.00	Chadwick, A. S	7.00
Brade, Otto	62.75	Chamberlin & Co., H. G	9.75
Brader, P. H	6.00	Chambers, Fred	5.00
Bradner Smith & Co	7.75	Champlin, J. C	15.00
Brand, E. L	7.50	Chandler & Price Co., The	1.40
Brandon, C. G	35.00	Chappell, G. W	58.12
Brashear Co., Limited, John A	10.00	Charleston Consolidated Rwy., Gas and Electric Co	3.50
Brenner, J. F	5.00	Chase, Herbert	5.00
Brentanos', Incorporated	419.05	Chatillon & Sons, John	2.16
Brewer, W. H	16.00	Cheney Sons, P. H	29.82
Briggs & Sons, Thos. H	7.45	Chesnutt, H. E	21.70
Brink, L. M	5.00	Cheyenne Ice Co	5.33
Britt Sheet Metal Co	2.00	Childs & Co., S. D	4.55
Britting, F. C	12.00	Chilver, Chas. J	12.20
Broadwater, Pepin & Broadwater	37.15	Chippewa Hardware Co	21.80
Brooks, W. M	240.00	Chrisen & Ball	30.00
Brossard, H. A	11.50	Christianson, H. E	205.00
Brower & Co., C. F	4.50	Christie & Lowe	3.50
Brown, A. C	25.00	Christopher & Simpson	17.01
Brown & Co., C. B	27.95	Church & Stephenson	109.68
Brown & Bro., C. O	1.25	Churchill, F. B	2.00
Brown Co., E. A	2.00	City Delivery Co	15.00
Brown, Edward M	3.50	City of Bentonville	13.00
Brown, Frank M	1.00	City of Burlington Water Department	5.01
Brown, Joseph	19.00	City of Havre	37.95
Brown, Leander C	1.50	City Ice Delivery Co., The	19.77
Brown, W. G	6.75	City of Lewiston	18.00
Brown, William	4.00	City of San Jose	10.00
Brown & Power, Incorporated	7.25	Clapp Ammonia Co., B. P	28.35
Brunschog, Carl L	9.50	Clark, Carlos F	3.25
Bucci, Lorenzo	3.00	Clark, John	2.00
Buckman, Chas. E	1.00	Clark, J. M	19.50
Buckner, W. L	35.25	Clark, Leon	36.00
Buckwalter, Boyd	8.00	Clark Co., R. P	4.75
Bueches, Christ	55.00		
Buffalo Electric Contracting Co	52.00		

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Miscellaneous supplies, etc.*—Cont'd.	
Clemons, M. E	$2.50	Dalton & Richardson	$13.00
Clemens Oskamp Co., The	2.50	Daly & Co., Daniel	8.10
Cleveland, Henry	41.75	Daniels, E. S	2.00
Clifford, Warren H	10.00	Dash, George	8.00
Clinton, Joseph	2.50	Davies Electric Corporation	2.00
Clucker, Willis W	3.00	Davies, W. D	19.50
Clute, Alva B	6.66	Davis, Allen C	85.00
Cogan, James B	3.90	Davis, B. H	5.00
Cohen & Co., L	8.40	Davis, Jeff	90.00
Coleman, Calvin	15.00	Davis, John F	5.00
Coles, Stephen	10.00	Davison & Co., H. C	47.36
Colt Co., J. B	15.00	Day, A. J	56.92
Columbia Photo Supply Co	4.00	Dearborn Typewriter Co	.50
Columbia Pump and Well Co	47.00	Dearborn & Warfield	1.00
Columbia Stove Co., The	3.25	Des Moines Rubber Stamp Works	4.00
Colwell, Timothy	2.75	De Mund, A. L	24.75
Comly, John	50.60	Denaux & Son, W. A	10.05
Compressed Air Vacuum House Cleaning Co., The	14.00	Dennison Manufacturing Co	41.00
Concanon, W. N	125.00	Dent, James E	15.64
Concordia Ice and Cold Storage Co	9.00	Derby, J. C	1.50
Cone Ice and Refrigerator Co., D. S	4.40	Devine, J. C	5.00
Conger, E. R	62.10	Devlin, L. K	3.25
Conklin & Sons	6.00	Dickinson, C	4.00
Conlon, James E	80.00	Dickson Co., The	120.00
Conover, Josiah	5.43	Dickson, W. D	5.20
Conrad Grocery Co	1.00	Diefenderfer, Alfred	2,021.75
Considine, A. B	.50	Disbursing clerk, Post-Office Department	4.80
Consolidated Electric Light Co., of Maine	2.08	Dixie Electrotype Co	2.66
Consolidated Ice Co	3.60	Dobbin, Ferrall Co	127.50
Constable Bros. Co., The	12.00	Dodge, Uriah B	4.00
Consumers' Co., The	10.13	Dodson Printers' Supply Co	80.02
Consumers' Ice Co	27.42	Doeliner Painting and Sign Co	18.00
Consumers' Ice and Cold Storage Co	4.70	Dohrmann Co., Nathan	.52
Cook, Geo. H	1.50	Dosher, St. George & Co	1.40
Cooper, William P	18.00	Doughty, H. C	198.00
Copeland Co., M. G	52.98	Douglas, G. T	6.00
Corbel, Malachi	18.00	Douglas, L	7.50
Corbett, Geo. E	1.30	Doyle, Chas	3.00
Corbett, John W	2.00	Dreer (Incorporated), Henry A	4.85
Cordon, Jack	7.00	Drinkwater, A. E	10.00
Corson, Oliver A	1.75	Drinkwater, W. G	48.00
Coston Signal Co. (Incorporated)	136.00	Dubuque Cabinet Makers' Association	49.50
Cowell, B	179.18	Duemcke, Albert	14.00
Coyle, W. A	.44	Duke, L. R	8.75
Crane & Co	79.40	Duluth Van and Storage Co	15.25
Crane Co	.85	Dunn, N. H	1.90
Creef, B. H	3.00	Dunn & Son, W. E	.50
Creef, T. R	4.50	Dunn, W. S	5.00
Cremer, A. S	2.00	Dunston, Wm	5.50
Crescent Paint Co	9.00	Du Perow, M	73.87
Crimins, J. T	9.00	Duplex Manufacturing Co	1.25
Crippen, Frank	3.00	Duvall, Wm. A	15.00
Crocker, H. S	6.00	Dyer, Wm. H	17.15
Crocker, Nelson	1.00	Eagle Cornice and Sheet Metal Works	.50
Croft, Thos. G	2.00	Earhart, Harry	45.00
Crosby, W. R	12.00	Eastern Towel Supply Co	6.00
Crosswhite, F. M	2.50	Eastman Kodak Co	98.85
Crowell, E. W	4.00	East Tennessee Telephone Co	1.50
Crowley, Robert	3.75	Eaton, J. L	40.00
Crozer, W. C	5.00	Edmonston, Chas. R	12.00
Crucible Steel Co. of America	10.15	Edwards, H	395.00
Crumpton, A. L	3.00	Edwards & Broughton Printing Co	3.20
Crystal Ice Manufacturing and Cold Storage Co., The	5.00	Eison, J. M	13.00
Crystal Ice Co., The	15.60	Elder & Foster	9.00
Cuff & Rey	8.60	Eldridge Express Co	1.00
Culbertson, Robert S	3.00	Electric Light and Power Co	1.60
Culp, Fred	8.00	Electric Service Supplies Co	6.48
Curphey & Mundy	10.00	Electric Storage Battery Co	91.39
Currie Co	10.80	Electrical Supply Co	11.00
Currier, C. C	6.00	Ellerd, George	15.00
Curtin, A. P	2.00	Ellington, J. C	45.00
Curtis, P. P	75.00	Elliott & Co., James	295.00
Curtis Plumbing Co., The	4.75	Ellis & Son, B. H	7.55
Dahlberg, R. N	5.00	Ellis, W	48.00
		Emblem, O. S	67.50

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Ennis & Son, Geo. T.	$22.87
Epler, I. E.	10.00
Erdman, E. R.	27.50
Ergood & Co., J. C.	656.28
Erickson, J.	11.70
Eude, Arthur	20.00
Evans & Meekins	122.40
Evans, Wm. S.	3.90
Evansville Gas and Electric Light Co.	12.50
Evansville Planing Mill Co.	1.00
Everts, F. G.	45.05
Fabacher, Peter	11.00
Fahrman, S. J.	9.00
Fairbanks Co., The	15.00
Fairbanks, G. W.	2.50
Fairservice, A.	10.85
Falk, Charles	45.00
Farley Transfer and Storage Co.	.25
Farmer & Son Type Foundry Co., A. D.	276.74
Farmers' Deposit National Bank	20.78
Farrar & Co., W. T.	22.00
Farrell, William	14.50
Faunce, E. L.	6.60
Fee & Stewart Co.	8.00
Feltner, Archie	58.75
Feltner, A.	55.00
Fennell, James	50.00
Felton, Sibley & Co.	2.50
Ferguson, E.	8.90
Ferguson, Neil	1.50
Ferrin, B. R.	4.50
Field & Co., Henry K.	10.00
Fillion, Joseph F.	23.10
Finck Stationery and Printing Co., The F. J.	9.00
Finley, James E.	5.00
Fischer, C. L.	3.75
Fisher-Glassford Hardware Co.	6.30
Fisher, Thorsen Co.	2.45
Fitts & Mann Co.	255.00
Flagg, L. L.	20.00
Flores, Guadalupe	50.00
Florida East Coast Hotel Co.	15.00
Florida Electric Co.	8.00
Ford, Thomas	1.50
Forest, Fred	5.00
Forker & Co., C. A.	5,230.25
Fort Smith Electric Supply Co.	5.00
Fortenberry, Harry	4.00
Fowler, Annie L.	334.24
Fowler, E.	256.00
Fowler Manufacturing Co., Ltd.	24.00
Francis Pharmacy Co.	2.25
Fraser, S. S.	45.00
French, Albert E.	5.00
French & Co., Geo. E.	9.00
French Laundry	6.00
French & Welch	36.70
Fresno Ice Delivery	6.00
Fretz, J. K.	49.25
Friday, Isaac	14.42
Fritchie, O F.	10.00
Fuller, Albert	5.15
Fuller & Bossout	56.50
Fuller Co., E. C.	7.18
Fuller, H. E.	10.00
Fuller, J. J.	5.00
Fuller & Co., W. P.	12.00
Furbush, E. H.	14.50
Gallilher & Bro., W. T.	243.50
Gamble, F. P.	7.00
Gamble & Ludwig	2.70
Garden City Electrical Co.	119.00
Gauzin & Son, Paul	3.00
Geary, John P.	192.50
Geary, J. V.	30.50
Gehlert, Louis	$64.15
Gehring, H. A.	4.00
Geiger & Peters	10.00
Geiman, J. A.	27.72
General Accumulator and Battery Co.	7.50
General Cartage and Storage Co.	20.40
Genesen, Jacob	1.00
George, David B.	3.00
Georgia-Stimson Furniture and Carpet Co.	4.25
Georgia Telephone and Telegraph Co.	10.00
Gether Co., C. R.	23.75
Gilbert & Barker Manufacturing Co.	9.40
Gilbert, Fred E.	2.00
Gilcrest, J. K. & W. H.	2.85
Gillespie & Co., J. J.	5.48
Gilman, Z. D.	32.08
Given, L. T.	9.50
Globe Engraving and Electrotype Co.	1.08
Godfrey & Co.	2.25
Goetz, August	1.50
Golart, Frank	4.50
Goldberg, Bower & Co.	4.50
Golding & Co.	5.18
Goldsmith & Son, W. W.	1.00
Goldthwaite, G. T.	9.05
Good, Harry	10.00
Good Roads Machinery Co., The	11.00
Gough, F. W.	2.70
Grambs & Wolbert	268.45
Grammes & Sons, L. F.	499.00
Grand Rapids Electrotype Co.	2.85
Granzin & Son, Paul	1.50
Gray, G. H.	18.50
Gray, George W.	5.00
Gray, J. E.	6.00
Gray, John M.	18.00
Gray, R. W.	2.00
Green, John W.	149.40
Greenberg, A.	4.00
Greenwald, Gabriel, estate of	2,240.00
Gregory, Geo. B.	2.50
Gregory, Mayer & Thom Co.	33.25
Gribben, James	1.50
Griffin, H. O.	3.00
Griffin, Sample & Co.	36.00
Griffin, S. A.	.50
Griffin, W. J.	27.39
Grimes, R. B.	45.82
Grinnell, Charles J.	24.00
Groh, Samuel	10.00
Groot, J. H.	12.00
Gross, D. D.	9.00
Gross Hardware Co., Phillip	1.00
Grover, John	1.00
Gutenberg & Co., H.	25.00
Guthrie, J. Hoffman	20.00
Guthrie, Joseph	1.50
Guyon, A.	30.00
Haas, James	1.40
Haddon, H. G.	3.50
Hafermann, William	13.00
Hahn, A.	2.00
Hales, J. M.	7.50
Haley, B.	1.25
Hallaran, John H.	4.50
Hall & Co., W. A.	3.25
Halmus, Sol	2.00
Hankins, George G.	2.00
Hansen, H. C.	125.00
Hansen, Peter	15.15
Harding & Upman	895.30
Hardway, G. W.	1.00
Hare & Arnold	5.00
Harmack, F. W.	3.54
Harris, A.	2.00
Harris & Locke	1.00

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Harris Automatic Press Co., The	$1,293.80
Hart, Homer	9.75
Hart, Howard G	3.70
Hart, I. W	20.60
Hartig, Louis	1.25
Hartnett Co., R. W	39.54
Hartwell, F. S	3.50
Hartwell Electric Co	1.00
Harvey, Sarah	2.25
Hatfield Electric Co	11.75
Havener, Robert A	2.50
Havre Drug Co	1.25
Hawaiian News Co. (Limited)	10.50
Hawkins, Edgar	2.50
Hawkins, J. Claude	9.00
Hayen, Fred J	6.00
Hayes, F. D	7.25
Hayman, Daniel W	6.00
Hearn & Co., J. M	7.90
Heaton, E. L	2.25
Heckart, H. M	2.00
Heiskell, P. H. jr., & Co	.80
Heliotype Printing Co	20.00
Helmes Bros	66.00
Henderson, John	4.00
Herman, Harry	.90
Herrcke, Robt. T	9.00
Herrick, A. F	4.50
Hewitt, M. A	30.00
Heyer Duplicator Co., T. A	5.00
Hill, H. O	4.30
Hillhouse, A. B	1.50
Hippely & Myers	2.75
Hjort, P. J	4.00
Hodgson, Harry H	125.20
Hofheinz, E. L	2.10
Hoke Engraving Plate Co	2,160.61
Holbrook, Eugene W	56.11
Holderness, John H	75.00
Holley, D. A	120.50
Holmberg, F. R	1.00
Holmes, William H	1.50
Holtzer-Cabot Electric Co., The	88.50
Honeyman Hardware Co	73.85
Honolulu Photo Supply Co	4.00
Hoover, E. G	2.00
Hornby, Geo. H	8.75
Horsford, F. H	3.05
Hoskins, R. D	35.00
Houston, Myron	2.00
Howell, Edwin E	37.25
Howerton, J. A	4.80
Howland, L. C	3.85
Hoxsie, E. A	3.00
Hoyle & Gilmore	7.00
Hubbard, J. A	15.00
Huber, J. B	65.50
Hubert, Charles	26.00
Hubert, Ph	3.00
Hudson & Co., J. L	9.85
Hudson, Roy R	10.00
Huey, A. S	2.75
Hughes & Co., Ed. S	2.25
Hughes Electric Co	25.00
Hughes Paint Co., A. M	2.25
Hull, R. M	8.50
Hummer, F	61.25
Humphrey, Robt. L	4.00
Hunt, Marshall N	11.50
Hunter, James	25.00
Hunter & Strehlow	16.00
Huntington, A. E	75.85
Huntington, H. M	5.00
Hurley, J. E	22.35
Huron Ice Co	6.93
Hustace-Peck Co. (Limited)	2.75
Hutcherson, Chas. J	61.00
Hutchinson, Wm. Seely	$80.88
Hydrographic Office, Navy Department	1,000.00
Ice Delivery Co	1.60
Illinois District Telegraph Co	60.00
Ilwaco Mill and Lumber Co	62.00
Imperial Laundry Co	3.00
Indianapolis Electrotype Foundry	5.40
Inland Type Foundry	45.80
Iseusee, Wm	26.50
Ivory, A. E	9.00
Jackson, Frank H	25.00
Jacobs, Edgar A	197.00
Jaeger Bros	6.15
Jamieson Bros	9.45
Jaques, G. A	8.00
Jarecki, Herman T	3.00
Jeffries Auto Co	41.55
Jeffries, W. J	14.00
Jenks, W. S	650.85
Jermin, Thomas	26.00
Johns & Augustine	1.00
Johns Hopkins Press	23.00
Johnson, A. M	12.00
Johnson, Albert T	40.00
Johnson, B. W	48.50
Johnson, C. A	12.00
Johnson & Co., Chas. Eneu	3,513.85
Johnson, Clifford B	6.00
Johnson, F. D	104.00
Johnson & Johnson	12.00
Johnson, W. M	87.00
Johnston, Lachlan A	32.50
Jolly & Wynne Jewelry Co	1.50
Jones, J. S	17.50
Jones, Will G	18.00
Jordon, J. T	8.00
Jorgensen & Hansen	1.30
Joslin, W. C	5.00
Josten Hardware Co	1.20
Joyce Engraving Co., The Maurice	634.59
Joyce, J. M	21.10
Kaiser, C	48.50
Kaiser, George	1.00
Kast, Andrew	5.00
Keller & Braun	53.00
Kelley, A. J	228.00
Kelley, G. W	104.12
Kelley Hardware Co	113.89
Kelliher, J. J	1.00
Kemp, Arthur	1.70
Kennedy, P	12.80
Kennedy Printing and Stationery Co.	3.55
Kessler, Andrew	1.45
Ketcham Iron Co	3.25
Keuffel & Esser Co	66.77
Key, James R	7.50
Keystone Type Foundry	101.73
Killian, Geo. P	24.00
Kimer, Max	5.00
Kindel, Geo. J	14.00
Kindley & Co., E. C	10.60
King Hardware and Stove Co	1.10
King, John N	5.75
King, W. L	2.00
Kistler Stationery Co., The W. H	5.00
Kitching, Pennington	11.15
Klein, A	6.00
Knight, F. L	6.00
Knowles, Thomas M	208.00
Kohl, William	55.00
Kramer & Co., C. J	3.25
Krause, G. C	4.00
Krupp, Edward	37.00
Ladd & Kneisel	13.25
Lake, Augustus C	9.00
Lake, E. E	66.73

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $650,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Lamb & Tilden	$361.02
Lambie Co., Incorporated, James B.	538.56
Lamson Consolidated Store Service Co	21.00
Lang, John	12.80
Langan, P. T	10.00
Langmaid, G. W	2.60
Lansburgh & Bro	100.25
Lawson, Charles	4.00
Lean, W. C	1.50
Lee Brothers	1.75
Lee, Joseph H	2.50
Leeds & Northrup Co., The	338.00
Leland Merc. Co	1.50
Le Masters, J. W	185.75
Lemon & Co., James K	4.00
Lender, Rue	10.00
Lenzen & Son Co	10.00
Leslie, J. H	285.00
Lester, Guy	29.00
Levy, Max	34.05
Lewers & Cooke, Limited	15.00
Lewin, C. G	47.45
Lewis, D. S	1.75
Lewis, Fred E	1.50
Libby & Libby	6.60
Libby, Harry T., jr	25.00
Lietz Co., The A	4.00
Light and Power Commission	30.00
Light, Walter H	1,714.35
Lilly Co., The Chas. H	1.05
Lincoln & Co., C. O	2.50
Lincoln, Fred S	5.70
Lincoln Motor Works Co., The	262.50
Lincoln Transfer Co	2.00
Lindenstroth, Peter	3.00
Lindsay Rubber Manufacturing Co., The M	8.75
Linville, A	8.00
Little, C. B	44.00
Little, E. A	1.65
Littlefield, Alvord & Co	259.49
Littlefield, H. R	4.00
Lloyd & Crimmins	2.00
Lloyd, J. L	55.00
Lloyd Transfer Co., Incorporated	5.28
Lodge, W. B	1.50
Logan, G. E	20.00
Long, Charles N	20.00
Longmans, Green & Co	1.75
Longs Towel Supply	12.00
Longshore, Geo. W	6.00
Lord, Poll & Hake	9.00
Loring, Geo. H	6.25
Los Angeles Ice and Cold Storage Co.	2.00
Loughery, Thos. B	20.80
Lount, W. B	20.00
Lovett, Herschel	2.00
Lowdermilk & Co., W. H	58.85
Lowe & Bro., H. P	1.75
Luce, Stephen C	3.75
Lufkin Rule Co	9.00
Lumiere North American Co., The	2.40
Lund & Co., B. J	192.00
Lunt, Chas. A	63.00
Lutz & Co	166.10
Lyon & Garrett	4.00
Lyons & Co., I. L	1.20
Lysaght, Mary	2.00
McBride, Fred	3.75
McCann, James	1.50
McClane, A. G	4.50
McCleery, James	3.00
McClung, Buffat & Buckwell	1.25
McClure Timber Co	23.72
McClurg & Co., A. C	2.40
McConahay, William M	$1.50
McCormick & Bates	5.50
McCulloh, Carroll B	9.15
McFell Electric Co	11.50
McGillivray, J. J	10.00
McLaughlin Draying Co	3.75
McLaughlin, W. S	90.00
McRae, Geo. F	1.50
McVeigh, Henry B	28.86
Maassen, John	142.50
Mackall Bros	108.59
Mackenroth, C. C	30.00
Malbon, P. J	9.45
March, E. L	.75
Marshall, M	2.50
Marshall-Wells Hardware Co	2.00
Marston, George W	23.10
Martin & Co., Otto	15.25
Martin, J. W	1.50
Martindale, J. H	5.00
Martin-Strelan Co	8.60
Martin, T. C	1.00
Mason, E. H	7.50
Mason & Co	16.90
Massen, John	40.00
Materne Manufacturing Co	162.58
Matthews, Jno. E	1.50
Maupin, Robert	10.00
Maurer, Joseph M	3.00
Meekins, Thomas S	150.00
Megeath, Jos. P	1.50
Meier Co., Geo	6.40
Meister & Son, P	60.00
Mercer, S. H	58.12
Merchant & Evans Co	6.88
Merchants Exchange, The	58.24
Merchants Transfer Co	6.25
Merrill, J. J	32.95
Merritt & Chapman Derrick and Wrecking Co	55.00
Meteorological committee (London, England)	44.55
Meyer & Anselon	68.50
Meyer & Schamber Jewelry Co	2.00
Michael, A	1.00
Midgett, E	5.00
Midgett, W. B	5.00
Mill Valley and Mount Tamalpais Scenic Rwy	18.00
Millar & Co., Geo. W	297.50
Miller, E. C	23.23
Miller, Jno. A	7,003.00
Miller Machine Works	4.50
Miller, Tom L	5.74
Millhollin & Son, C. N	2.55
Milligan, R. A	10.35
Milwaukee Printers Roller Co	12.00
Mineralized Rubber Co	10.80
Minnesota Type Foundry Co	4.19
Minter, W. H	15.00
Missouri District Telegraph Co	18.00
Mitchell, A. J	4.75
Mitchell, F. C	40.00
Mobile Electric Co	3.00
Mock, Chas. W	25.00
Mocklin, J	7.00
Model Heating Co	25.00
Model Laundry Towel Supply Co	12.00
Moliter, J. D	3.90
Monarch Electric and Wire Co	9.05
Monarch Typewriter Co	248.00
Moncrieff, Z. E	55.95
Montague & Co., W. W	37.30
Mooney, Thos. P	6.80
Moore, Arthur	182.40
Moore, A. L	2.95

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $650,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Miscellaneous supplies, etc.*—Cont'd.	
Moore, N. E	$5.00	Palumbo, Frank G	$5.00
Moore & Miles	84.00	Pancoast, J. C	25.00
Moran Co., John	41.00	Parker, D. Frank	1,003.90
Morey, O. W	1.25	Parker, Jonah	.75
Mott, John A	11.95	Parkersburg Dock Co., The	7.00
Mueller, Chas. R	21.62	Parks, N. S	97.80
Mueller, Ernst F	6.40	Parks, R. E	7.50
Mulford, J. N	2.50	Parsons, E. O	235.00
Mullin, Edward	154.00	Paschal, J. W	.50
Munson, F. W	.50	Paul, S. T	2.75
Murphy Bros	.50	Payne, A. L	2.50
Muskegon Electric Co	1.10	Peacock, C. D	.75
Muth & Co., Geo. F	750.89	Pearce Co., Fredk	3.00
Myers, B. E	2.50	Pechman & Pechman	57.00
Myers, John T	60.00	Peerless Hand Laundry	5.20
Nahlen, P. M	1.00	Peerless Steam Laundry & Dyeing Co	6.00
Nash, W. J	1.50	Pelouze Paper and Type Co	19.57
National Autom. Fire Alarm Co., of La	2.25	Pennewill, R. O	3.60
National Carbon Co	1,674.75	Peoples Telep. and Teleg. Co	2.00
National Electrical Supply Co	293.67	Peoria Paint and Glass Co	2.25
National Engineering Co	3.55	Peoria Water Works Co	34.30
National Lead Co	12.05	Pesonen, A. K	20.50
Nawrath, J. P	281.46	Peterson, C	2.50
Nelson, Wilmer D	.75	Peterson, Gust	10.00
Newburgh, R	300.00	Petitdidior, O. E	11.00
New Era Paint and Varnish Co., The	.50	Pettee, & Co., W. J	72.60
Newnham & Son, Chas	406.05	Pettet, W. C	5.00
New York Maritime Register	61.25	Pettis Dry Goods Co	31.00
Niemeier & Kistenmacher	1.60	Pettit, A. J	7.00
Nolan, Davis Co., The	25.00	Petty, S. M	2.70
Nolan, Thomas J	8.00	Photographic Materials Co., The	8.55
Norby & Hilde	1.70	Phillips, Henry G	50.00
Nordhoff, Wm	31.50	Phinney, A. B	2.00
Norfolk and Portsmouth Traction Co	20.48	Phœnix Oil Co	2.00
Norris Bros	965.26	Pickard, A	61.50
Northern California Power Co	16.00	Picken & Denlinger	1.25
North Platte Water Works Co	21.80	Pierce, Lewis	4.00
Norton, Jesse O	2.00	Pierce, William, jr	13.00
Norwood, Samuel H	28.00	Pierce & Son, J. F	2.50
Novelty Machine Works	9.00	Pinkney & Smith	15.00
Noyes Art Store	21.25	Pipal, John J	9.50
Noyes Bros. & Cutler	2.18	Piper, John	43.00
Nye, W. A	2.00	Pittman, Saml	21.55
Oates Jewelry Co	5.00	Plain Dealer Publishing Co	3.45
O'Brien Bros	26.00	Plaster, George E., jr	2,820.50
O'Brien, G. G	11.00	Pluke, E. G	19.50
O'Brien, Julia A	10.50	Polakoff, J	3.50
Ockel, Hamann A	3.00	Polar Wave Ice and Fuel Co	15.30
Odom, W. F	135.00	Poole, Henry A	30.00
Office Supply Co	1.50	Porter-Burnham Co	15.00
O'Heron, John J	4.32	Portland Gas Co	2.40
Oil Well Supply Co	122.61	Portland Typewriter Exchange	26.00
O. K. Building and Construction Co	72.00	Postmaster, Philadelphia, Pa	1.00
Oklahoma City Rwy. Co	42.50	Potter Bros	12.00
Okonite Co. (Limited)	1,364.50	Powers, H. W	2.00
Oleson, Eric	3.00	Powers Mercantile Co	2.25
Oliver, Albert	415.00	Price Brothers	40.08
Oliver Typewriter Co	71.09	Priest, Phil. C	2.50
Ollé, Santiago	20.00	Providence Ice Co	8.12
Ollrich, Wm	15.00	Pullman, E. J	42.13
Omaha Towel Co	6.00	Purcell, Thomas	1.00
Oneal, W. B	2.00	Queen & Co., (Inc)	43.50
Oregon Transfer Co	2.83	Quints Sons Co., S. H	36.00
Oskamp Co., The Clemens	2.50	Raceuer, A. L	6.50
Osburn & Bro	22.10	Raff, Geo., jr	38.00
Osterreichische Gesellschaft for Meteorologie K. K. Vienna, Austria	33.09	Raleigh Electric Co., The	9.12
Otto, Martin & Co	7.05	Raleigh Construction Co	20.60
Owens, H. P	7.50	Ramsay, W. H., jr	64.50
Pacific Metal Works	38.25	Rand, McNally & Co	10.50
Pacific Paper Co	1.36	Ranney, Wm. H	5.75
Paddock & Co., H	75.75	Rasmussen & Peterson	47.50
Pahs, Frank	1.50	Rasmussen, Hans J	8.50
Palestine Ice, Fuel, Gin Co	4.60	Rathbun & Bird Co., The	5.91
Palmer & Co., Limited, E. C	28.18	Rau, John C	181.87
Paltz, John	4.75	Ray Manufacturing Co., W. S	78.64
		Record Oil Refining Co	1.55
		Reed, Peter	4.00

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Reliable Steam Laundry Co	$2.50
Regan, J. P	1.81
Reid, H. P	.90
Reilly, Hugh	57.34
Remington Typewriter Co	943.97
Renear, W. H	2.00
Rhode Island Sanitary Dust Remover Co	8.95
Richardson, W. V	30.00
Rider, Clark	7.00
Rider-Ericsson Engine Co	1.45
Ries, Hartman	8.00
Rietow, H. W	1.50
Rigby & Wilson	7.65
Riles Co., R. J	2.00
Ritchie, Peter	219.38
Riverside Cartage & Storage Co., Ltd.	31.00
Rivett Lathe Manufacturing Co	4.80
Robbins Electric Co	12.00
Robertson, W. A	84.50
Robinson & Sons Co., W. C	3.50
Robinson, J. M	9.00
Robinson, M. M	32.50
Robison Hardware Co	14.15
Roche & Co., J. R	3.00
Rodibaugh, L. C	5.00
Rodriquez, Miguel	63.00
Roeblings Sons Co., John A	1,264.32
Rogers, Charles	9.75
Rose & Co., John	36.88
Rose, J. L	8.56
Rossbo, C. A	18.00
Rothschild Brothers	10.50
Rousseau, J. A	15.00
Rowe Transfer and Coal Co	20.00
Roy & Cochron	27.50
Royal Photo View Co	2.00
Royall & Borden Furniture Co	36.00
Rudge & Guenzel Co	14.81
Rudolph & West Co	1,011.77
Ruffings, Andrew	3.50
Ruggles-Gale Co., The	38.25
Runge, Henry F	1.00
Ruzicka, Jos	25.30
St. Germain, O	4.00
St. Louis Suburban Express	26.65
St. Louis Toilet Supply Co	12.00
St. Louis Transfer Co	13.70
Salt Lake Hardware Co., The	5.64
Salt Lake Transfer Co	38.00
Sanborn, Vail & Co	71.60
Sanderson, G. T	1.75
San Diego Hardware Co	7.90
Sands Bros. Co	8.00
Sanguinetti, E. F	13.00
San Pedros, Los Angeles and Salt Lake R. R. Co	25.90
Santa Fe Concrete Block Co	160.00
Savage, Charles R	2.00
Sawyer, P. P	1.50
Sawyer's Carpet House	3.00
Scarr, Laura E	6.00
Schafer & Co., E. G	268.05
Schmidt, Joseph	2.00
Schneider, Henry A	8.00
Schofield Contract Co	225.00
Schooley Stationery Co	17.00
Schwakopf, Geo. A	50.00
Scientific American Compiling Department	96.00
Scott, M. A	8.00
Scott & Co., Walter	5.00
Scranton Bedding Co., The	9.50
Scruggs, Vandervoort, Barney Dry Goods Co	14.75
Seaboard Electric Co., Inc	30.30
Miscellaneous supplies, etc.—Cont'd.	
Seewald, P. H	$2.00
Seidler-Miner Electric Co	74.87
Sellers Bros	8.00
Sellers Bros. & Co	3.40
Senter & Co., William	2.00
Sentenne & Green, Inc	61.48
Seth Thomas Clock Co	239.85
Sevin, Henry J	5.20
Shaffer, John W	2.50
Sharp & Sons, F	35.00
Shaw, Richard A	15.64
Shedd & Bro. Co., S. S	9.60
Sheehy Bros. Painting and Decorating Co	149.00
Sheeran, Peter	450.00
Sheldan, J. W	6.15
Shepard, L. H	7.50
Shetney, H	6.00
Shipp, A. E	24.50
Shores, U. G	2,503.50
Shull, J. J	10.75
Silver Gate Oil Co	5.50
Silvius & Schoenbackler	7.50
Simpson, Alfred	17.35
Sines, Arthur	3.00
Singleton, Wm	6.00
Skinner, George R	17.50
Sloan, E. D	22.50
Smith, Alfred E	2.00
Smith, Benj. H	2.00
Smith Bros	2.00
Smith, Charles	41.50
Smith, C. E	7.41
Smith Electric and Manufacturing Co	2.05
Smith, Frank	18.00
Smith, F. H	1.50
Smith, Geo. J	12.50
Smith & Sons, Guy W	10.50
Smith, Joseph P	6.00
Smith, J. W	12.50
Smith, M. F	620.00
Smith Premier Typewriter Co., The	900.80
Smith, Thomas	3.50
Smith, T. B	1.50
Smith, W. H. H	14.00
Snedicor, H. T	12.00
Snook & Son, Wm. S	13.71
Snow Forwarding Co., The	6.20
Somers, Fitler & Todd Co	19.87
Somerville Co., Thos	143.93
Sorensen, Ori J	4.00
Soules, Belle	31.76
Southern Printers' Supply Co	2,681.96
Spaulding Nursery and Orchard Co., The	18.00
Spear, Bros	14.00
Speer, L. S	30.00
Spitz, S	1.50
Spotswood, H. M	16.20
Spreckels & Bros. Co., J. D	475.00
Spring & Prasse	31.50
Springfield Light, Heat, and Power Co	8.53
Springfield Water Works	20.37
Stafford, R. L	26.50
Stafford Engraving Co	6.61
Stager, Jesse	8.50
Stahl, L. S	11.65
Stainer, Josef	9.50
Stamford & Morey	27.00
Standard Oil Co	874.46
Standard Roller Bearing Co	9.58
Stanfield, R. B	1.50
Star Carpet Cleaning and Rug Manufacturing Co	7.50
State Nursery Co	8.25

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Stavely, Jno. A	$17.40
Stebbins Hardware Co	4.57
Stebbins, Robert	15.00
Stechert & Co., G. E	415.09
Steele, W. S	2.00
Steger Electrical Works	24.50
Stelk, Gus	30.00
Stengel, L. A	8.40
Stephens, J. H	16.00
Stephenson, Stanley	37.50
Stevens, Bing. S	.30
Stevens, Jno. L	2.50
Stevenson, J. S	9.50
Stewart, Alex'r	9.00
Stifft, Chas. S	6.00
Stiles Co., The	11.30
Stokke, Hans	50.00
Storm & Erickson Hardware Co	6.35
Stormont, David	20.00
Stringfellow, H. W	3.00
Stuart, H. G	9.00
Stunkel & Co., W. A	3.00
Sturrock, Earl D	117.90
Suck, Leo	146.00
Supe, Otto	1.50
Sutherland & Carr	8.40
Swanson, Carl W	11.80
Swanson, Victor E	2.00
Swayze, Bailey & Co	10.50
Sweeney Hardware Co., Tom	41.50
Sweeney, J. M	6.00
Swift, F. D	16.25
Swift Co., I. E	1.50
Swinehart, D	7.70
Taber-Prang Art Co	247.50
Tacoma Railway and Power Co	10.00
Tacoma Toilet Supply Co	6.00
Taft, C. E	22.50
Taylor, A	19.95
Taylor & Co., G. W	18.00
Taylor, S. C	10.00
Taylor, W. R	120.50
Teague, J. R	5.00
Teeter, Howard O	11.00
Thatcher Furnace Co	8.15
Thayer & Lynn	10.00
Thiemeyer Co., J. H	694.45
Thill & Lapitz	17.00
Thoenen, R. H	8.00
Thomas Co., Arthur H	6.52
Thomas, George C	3.50
Thomas, J. & C. N	4.50
Thomlinson, A	28.75
Thomlinson & Co	7.43
Thompson, Henry W	44.50
Thompson, J. D	2.00
Thompson Manufacturing Co., The L. C	51.00
Thomson & Dunlap	8.60
Thorburn, Thos	30.00
Thorogood, James	2.50
Thorp & Hoberg	2.50
Tiefenbach, V. J	1.50
Tinsman, A. J	60.00
Tinsman, E	65.00
Todd, George B	27.50
Tonopah Sewer and Drainage Co	36.00
Tonopah United Water Co	109.77
Topham, James S	945.80
Town of Flagstaff	22.00
Treadway Electric Co	9.06
Treasury Department	390.00
Trickey Co., J. B	2.50
Trine, William H	5.00
Tripple, C. J	20.00
Truett, W. H	2.50
Tuck, J. A	$5.75
Tucker, Thomas	4.50
Tull & Gibbs (Incorporated)	3.00
Turner, E. W	2.00
Turner, S. B	5.00
Turton, Geo. W	5.00
Turton, J. Edward	2,000.00
Tuttle, Earl W	53.50
Tuttle, Forrest	4.50
Twiford, O. N	2.00
Tyler & Co., F. C	12.00
Typewriter Exchange, The	.75
Typewriter and Office Supply Co	21.05
Tyrrell, E. L	1.50
Underwood, S. J	4.50
Underwood Typewriter Co	1,167.28
Union Express Co	3.00
Union Ice Co., The	36.50
Union Ice Co	6.90
Union Transfer Co	78.54
United Carriage Co	24.00
United States Aluminum Co	18.40
Vacuum House Cleaning Co	12.50
Vaeth, Richard	1.50
Valley City Compressed Air Co	36.40
Van Antwerp, E	6.70
Van Bibber Roller Co	4.00
Van Deren Hardware Co	2.50
Vanderpool, C. F	1.00
Van Winkle Trucking Co	6.00
Veeder Manufacturing Co., The	2.00
Venable, J. A	5.00
Vincent, C	1.00
Vinson, John W	5.00
Von Blucher, Geo. A	12.00
Von Daister, Henry W	20.00
Vorpahl, R. H	12.00
Vulcan Machine Co	6.80
Wabash R. R. Co., The	27.00
Wachter, C. C	19.00
Wadin, J	74.50
Wahlgren, Frank	2.00
Wail, J. B	1.50
Wakefield Water Co	28.00
Walker, Frank E	7.75
Walker Sons, J. T	11.59
Wallace, T. C	375.36
Wannacomet Water Co	22.50
Wanamaker, William J	2.75
Wapler, Nicholas	1.30
War Department	70.00
Ward, Guy	6.00
Ward & Co., Montgomery	46.80
Warner, L	1.20
Warner & Swasey Co., The	30.00
Washburn Wire Co	27.60
Washburn, W. W	38.90
Water Department of Atlantic City	10.89
Waterbury Battery Co	2,432.50
Waterfield, J. C	8.00
Watson, S. J., jr	13.95
Watts, W. H	47.50
Waugh, Kealy & Co	2.40
Weatherbee, W. J	17.00
Weber & Co., F	22.20
Webster Co., F. S	12.05
Weeks, Wm	80.00
Weinman Machine Works	5.00
Wentworth, M. R	2.50
Werner Bros	.75
West, Wm. A	430.00
Western Electric Co	13.63
Western Electric Works	2.10
Western Newspaper Union, The	14.29
West & Rawson	2.65
Western Union Telegraph Co	147.10

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Westlund, O	$20.70
Whalton, J. C	106.50
Wheelock, T. A	42.00
Whitcomb, Hugh F	1.00
White, Fred J	5.50
Whitmore, Alfred O	15.75
Whittemore & Son, C	2.00
Whyte, Warren H	8.00
Wichita Rug Co., The	7.25
Wichman & Co., H. F. (Limited)	3.00
Wickford Light and Water Co	18.00
Widman, J. C. & Co	315.00
Wiendrick, H. H	4.00
Wilburn, W. L	10.65
Wild & Stevens, (Incorporated)	6.20
Wiley & Russell Manufacturing Co	2.13
Wiley & Sons, John	2.25
Wiley, Wm	60.37
Wiley, W. M	10.50
Wilks, E. S	71.50
Williams, G. R	1.50
Williams, I. N	1.09
Williams, Brown & Earle	1.44
Williamson Towel Supply Co	6.00
Willis, J. I	40.00
Willis, Smith, Crall Co. (Incorporated)	28.00
Willoughby, L. F	8.75
Wilson Hardware Co	30.15
Wilson, Libbie	6.00
Wingard, E	5.00
Winston, R. L	3.50
Wise & Co., Ben	7.75
Wolcert Hardware Co., G. W	23.15
Wolverton, A. D	210.00
Wood, G. T	5.00
Wood, L	12.00
Wood, William	25.00
Woodhouse, C. H	40.00
Woodhouse, J. F	20.00
Woods & Johnson	191.80
Woodward, K. G	3.20
Woodward & Lothrop	551.31
Woodworth, Ed. A	1,500.00
Woolever, W. S	10.00
Wroten, J. A	37.50
Wyatt, E. H	15.00
Yarger, S. J	1.68
Yates & Co. (Incorporated)	58.81
Young Building Co. (Limited), Alexander	36.00
Young, Charles W	3.05
Young, Henry	49.75
Young, J. R	36.00
Young & Hughes	.50
Youngberg, Carl G	1.00
Zeisler, George & Leonard	3,522.50
Zimmerman Hardware Co	1.00
Zion's Cooperative Mercantile Institution	1.40
Total	110,070.06
Furniture.	
Austin, Cleland	83.75
Baker Office Furniture Co	39.50
Bannister, W. H	88.10
Barber & Ross	21.60
Barrett, Hicks & Co	9.00
Bass & Harbam	13.50
Beggs Co., The David C	44.35
Bell, Dickerson Co	23.00
Bentell, H. M	77.00
Billsoly & Bros., W. L	56.50
Boer, John J	10.00
Bressmer Co., The John	12.75

Name.	Amount.
Furniture—Continued.	
Broadwater, A. J	$17.00
Bryan Co., The R. L	19.75
Burford, Wm. B	105.50
Burnap Stationery and Printing Co., F. P	97.80
Carpenter Co., The W. B	12.35
Chamberlain Co., The	13.75
Columbia Lumber Manufacturing Co	10.00
Cooper, W. A. L	4.00
Cunningham, Arch	38.65
Cunningham, Curtis & Welch Co	32.50
Custodian U. S. court-house and post-office, The	106.50
Devlin, L. K	.90
Eakle, O. M	38.25
Empire State House Furnishing Co	280.05
Fetter Co., Geo. G	70.00
Finck Stationery and Printing Co., The F. M	26.00
Fickert, W. C	29.95
Field, E. G	23.00
Fowler Co., Ed C	8.95
Freed Furniture and Carpet Co	62.67
French, Bassett	19.50
Frothingham, Hefferman & Co	34.50
Gardner & Veitch	25.25
Georgia Stimson Furniture and Carpet Co	15.00
Geourtz & Sons, I	64.70
Gottfried Furniture and Carpet Co	1.00
Great Success Furniture and Carpet Co	1.50
Grimes-Stassforth Stationery Co	18.50
Gunn Furniture Co	25.00
Hackfield & Co. (Limited), H	39.40
Hall Stationery Co., The	4.50
Hardy Furniture Co	115.00
Harger & Blish	25.25
Havens Co., The Joseph D	60.00
Hering & Co., W. C	16.15
Hoeke, W. H	693.89
Home Furnishing Co	3.00
Hopp & Co., J	15.00
Howe, C. A	13.00
Hudson & Symington	22.50
Iliff Stationery Co., The	4.75
James, Harry	9.80
Johnson, Bailey Co	5.85
Jordt, John	12.50
Keith Furniture and Carpet Co	167.75
Library Bureau	59.20
Loring & Co	39.15
Lovell Clock Co	3.50
McDonald, Angus	31.00
MacRae, George F	18.00
Macey Co., The	147.73
Meldrum Co., H. A	6.50
Merchants Exchange, The	12.75
Meyer & Tholheimer	18.00
Miller, Davis Printing Co	37.50
Miller, Thomas	7.00
Mills Electric Co	8.75
Moore, W. L	1.15
Moses & Sons, W. B	1,730.56
Mower, W. K	65.00
Neal, Goff & Inglis Co., The	27.00
Neel Bros	147.30
Peck Dry Goods Co., Geo. B	43.20
Phoenix Furniture Co	9.00
Pray & Sons Co., John H	19.80
Purnell, W. F	48.90
Remington Typewriter Co	33.75
Royall & Borden Furniture Co., The	23.50
Schoal, William	7.80
Sherm, Hardy Supply Co	6.25
Shoten, Sayegusa	8.00

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Furniture—Continued.	
Simonson Bros. Manufacturing Co...	$54.00
Smith, Percy	30.50
Stampfer & Jaeggi	131.25
Stiman, Jule	2.50
Stewart, Alex'r	9.00
Stoll, Thayer & Co	15.70
Strong, B. W	32.00
Swayze, Bailey & Co	4.75
Swayze, W. L	212.30
Sweeney Hardware Co., Tom	102.00
Sydnor & Hundley (Incorporated)	54.00
Taylor & Carpenter	70.00
Tenge, Edward	13.00
Toledo Desk and Fixture Co., The	234.50
Troxell, G. F	5.00
Tull & Gibbs (Incorporated)	138.75
Turton, Edward J	250.00
Van Antwerp, E	15.00
Vasburgh & Whiting Co	8.50
Wanamaker, John	40.75
Watrons, Ray	20.00
Wearn & Co., J. H	90.00
Webb, W. H., jr	10.00
Widman & Co., C. D	1,635.00
Williams, Edward R	96.75
Willoughby, L. F	41.85
Woodruff Manufacturing Co	189.50
Woodward & Lothrop	380.51
Warmser Furniture Co	9.50
Yawman & Erbe Manufacturing Co..	122.35
Zircher Book and Stationery Co., M. L	19.50
Total	9,488.61
Fuel.	
Adsit Coal Co., E. S	164.50
American Ice Co	119.82
Astoria Fuel and Supply Co	110.00
Ayars, G. J	3.20
Baker, C. H	20.00
Baker, I. P	37.45
Birge, W. W	25.05
Burch & Son, W. H	14.50
Capel, J. S	2.00
Cash Coal Co	144.50
Cheleen, C. A	40.80
Citizens' Coal Co	35.50
City Wood and Coal Co	40.00
Clearwater Fuel Co	124.00
Columbia Ice and Fuel Co	98.25
Consumers' Ice and Coal Co	20.50
Culp, Fred	10.00
Dillon, J. W	7.20
Doney, Ben, jr	5.00
Etheridge, A. H	41.00
Ferguson, Jas. A	210.20
Fernandez, Antone	24.00
Fitzgerald, Harry J	56.85
Ford & Dunn Fuel and Feed Co	14.75
Gastman, David	35.00
Given, Lena T	33.75
Grammond Fuel Co., A. G	6.00
Griffin, W. J	19.00
Hastings, J. H	7.00
Havre Fuel Co	93.00
Houle, Raymond	4.00
Iddings, C. F	55.08
Jefferson, George	7.50
Johannes Coal Co	157.48
Jones, E. P	30.00
Jordin, A. O	70.00
Kemp, George	7.75
Lawrence, Jesse C	30.00
Littlefield, F. Eugene	134.00
Lund & Co., B. J	$98.38
Maitland Coal Co	113.36
Montoya, Joe	3.50
Nuding, F. E	71.50
Oden, S. S	119.96
Ortiz, Miguel	7.00
Pattee, J. R	56.50
People's Ice and Fuel Co	132.64
Plaster, George E., jr	785.73
Port Royal Dock Co	117.00
Powell & Powell	55.50
Roberts, Richard P	50.00
Robinson Fuel Co., H. A	191.23
Roundtree, W. J	49.00
St. Clare Coal Co	36.41
St. Germain, O	23.00
Scott, Chas. B	219.50
Snow, Don J	24.50
Stevenson, J. S	63.50
Stoltze, F. H	230.97
Stormont, D	21.00
Taylor & Co., George W	138.60
Thomasville Ice and Manufacturing Co	26.50
Wakefield Lumber Co	125.00
Washburn Lignite Coal Co	164.15
Waterfield, J. C	33.00
Watson, R. O	19.00
Weberhardt, Charles	70.00
Welker, Charles	30.00
Western Fuel Co	156.00
Wittenberg & Co., C. F	93.63
Wonderhard, Chester	50.00
Total	5,434.69
Freight.	
Alabama and Vicksburg Rwy. Co., The	11.58
American Hawaiian Steamship Co...	2.00
Atchison, Topeka and Santa Fe Rwy. Co	429.17
Atlantic Coast Line R. R. Co	31.23
Baltimore and Ohio R. R. Co	47.50
Baltimore and Ohio Southwestern R. R. Co	14.32
Boston and Albany R. R., New York Central and Hudson River R. R., lessee	3.60
Boston and Maine R. R	13.06
Boulton, Bliss & Dallett	3.16
Campbell, P. D	1.17
Central of Georgia Rwy. Co	3.51
Central R. R. Co. of New Jersey	.83
Central Vermont Rwy. Co	4.78
Charleston and Western Carolina Rwy. Co	.90
Chesapeake and Ohio R. R. Co	46.15
Chicago and Alton R. R. Co	.22
Chicago, Burlington and Quincy Rwy. Co	54.44
Chicago, Burlington and Quincy Rwy. Co. lines west of Missouri River	11.42
Chicago Great Western Rwy. Co	1.55
Chicago, Milwaukee and St. Paul Rwy. Co	19.38
Chicago and Northwestern Rwy Co...	43.20
Chicago, Peoria and St. Louis Rwy. Co	.22
Chicago, Rock Island and Pacific Rwy. Co	18.86
Chicago, St. Paul, Minneapolis and Omaha Rwy. Co	16.96

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Freight—Continued.	
Cincinnati, Hamilton and Dayton Rwy. Co	$1.05
Cleveland, Cincinnati, Chicago, and St. Louis Rwy. Co	65.11
Colorado Midland Rwy. Co	20.31
Colusa and Lake Railroad	.50
Davis, Turner & Co	7.00
Delaware, Lackawanna and Western R. R. Co	5.65
Denver, Northwestern and Pacific Rwy. Co	11.05
Denver and Rio Grande R. R. Co	85.24
Detroit and Mackinaw Rwy. Co	7.39
Eastern Steamship Co	.35
Evansville and Terre Haute R. R. Co	.71
Florida East Coast Rwy. Co	15.54
Galveston, Harrisburg and San Antonio Rwy. Co	4.87
Gardner, H. B	1.20
Georgia R. R. Co., The	1.83
Grand Rapids and Indiana Rwy. Co	10.78
Grand Trunk Rwy. Co	2.62
Great Northern Rwy. Co	49.19
Humboldt Steamship Co., The	6.25
Illinois Central R. R. Co	22.95
Ilwaco Rwy. and Navigation Co., The	6.63
Inter Island Steam Navigation Co., Ltd	1.20
International and Great Northern R. R. Co	4.68
Lake Shore and Michigan Southern Rwy. Co	.64
Lehigh Valley R. R. Co	3.63
Lilly Co., The Chas. H	.40
Long Island R. R. Co., The	16.21
Louisville and Nashville R. R. Co	16.82
Macon, Dublin and Savannah R. R. Co	1.20
Mallory Steamship Co	3.73
Michigan Central R. R. Co	2.41
Minneapolis and St. Louis R. R. Co	.18
Missouri, Kansas and Texas Rwy. Co	28.29
Missouri Pacific Rwy. Co	18.35
Narragansett Pier R. R. Co	1.83
New Bedford, Marthas Vineyard and Nantucket Steamboat Co	1.38
New Orleans and Northeastern R. R	14.95
New York Central and Hudson River R. R. Co	11.41
New York, New Haven and Hartford R. R. Co	18.45
New York and Porto Rico Steamship Co	.34
New York, Philadelphia and Norfolk R. R. Co	.51
Norfolk and Southern R. R. Co	101.47
Norfolk and Washington (D. C.) Steamboat Co	11.35
Norfolk and Western Rwy	2.54
Northern Pacific Rwy. Co	61.42
Northwestern Steamship Co., Ltd	.75
Oregon Railroad and Navigation Co	20.96
Oregon Short Line R. R. Co	2.82
Pennsylvania R. R. Co	66.59
Peninsular and Occidental Steamship Co	25.73
Pere Marquette R. R. Co	3.36
Puget Sound Navigation Co	29.65
Philadelphia, Newtown and New York R. R. Co	.28
Raleigh and Southport Rwy. Co	.86
Richmond, Fredricksburg and Potomac R. R. Co	4.50
St. Louis and Hannibal Rwy. Co	3.89
St. Louis and San Francisco R. R. Co	19.84
St. Louis Southwestern Rwy. Co. of Texas	2.14
San Francois County Rwy. Co	$1.12
San Pedro, Los Angeles and Salt Lake R. R. Co	21.91
Seaboard Air Line Rwy. Co	1.69
Southern Pacific Co., The	18.43
Southern Rwy Co	134.09
Spreckels & Bros. Co., J. D	175.00
Star Union Line	44.10
Steamer, G. W. Danielson	1.30
Toledo, Peoria and Western Rwy. Co	2.18
Union Pacific R. R. Co	23.04
Vicksburg, Shreveport and Pacific Rwy	3.07
Wabash Railroad Co	61.44
Washington County Rwy. Co	5.34
Washington Southern Rwy	.97
Western Maryland R. R. Co	1.00
Western Rwy. of Alabama	20.32
Wisconsin Central Rwy. Co	.23
Total	2,123.01
Express.	
Adams Express Co	235.17
American Express Co	.95
Union Express Co	3.75
United States Express Co	303.41
Total	543.28
Telegraph.	
Atlantic De Forest Wireless Co	1.56
Corvallis and Eastern R. R. Co	22.80
Direct West India Cable Co., Limited	902.66
Great Northern Telegraph Co., Limited, The	287.44
Great Northwestern Telegraph Co., of Canada	1,426.72
Harper, J. T	43.84
International Ocean Telegraph Co	1,549.37
Jacksonville and St. Johns Bar Telegraph Line	31.75
Kelley Island and Sandusky Cable Co., The	16.40
Marconi Wireless Telegraph Co., of America	556.84
Marconi Wireless Telegraph Co., of Canada, Limited	239.92
Marthas Vineyard Telegraph Co	372.39
Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co	127.07
Pacific States Telephone and Telegraph Co	8.70
Postal Telegraph Cable Co	12,370.72
Put in Bay Telegraph Co	21.86
West India and Panama Telegraph Co., Limited	1,344.25
Western Union Telegraph Co	170,317.80
Total	189,642.09
Telephone.	
Alabama, Mississippi and Tennessee Telephone Co	76.00
Amarillo Telephone Exchange	36.00
Asheville Telephone and Telegraph Co	42.00
Bell Telephone Co., of Buffalo, The	159.14
Bell Telephone Co., of Missouri, The	150.00
Bell Telephone Co., of Philadelphia, The	69.00
Benzie County Telephone Co	16.00
Bluff City Telephone Co	42.50
Cairo Telephone Co	13.50

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Telephone—Continued.	
Cape Vincent Telephone Co	$9.00
Capitol City Telephone Co	15.00
Capital Telephone and Telegraph Co	18.00
Carr, J. C	12.00
Central District and Printing Telegraph Co., The	434.20
Central New York Telephone and Telegraph Co	82.50
Central Telephone and Telegraph Co., of New York	9.00
Central Union Telephone Co	312.00
Cherry County Telephone Co	30.00
Chesapeake and Potomac Telephone Co	85.03
Chesterfield Telephone and Telegraph Co	22.90
Chicago Telephone Co	217.07
Cincinnati and Suburban Bell Telephone Co., The	69.00
Citizens Telephone Co	99.65
Cleveland Telephone Co	84.00
Colorado Telephone Co., The	282.00
Columbia Electric Street Railway Light and Power Co	6.72
Columbia Telephone Co	24.00
Columbus Citizens Telephone Co	40.00
Concordia Telephone Co	24.00
Consolidated Telephone Co	20.00
Consolidated Telephone, Telegraph and Electric Co	42.00
Consolidated Telephone Companies of Pennsylvania	36.00
Cumberland Telephone and Telegraph Co	1,931.28
Cuyahoga Telephone Co., The	120.00
Dakota Central Telephone Co., Incorporated	542.27
Dane County Telephone Co	33.00
Delaware and Atlantic Telephone and Telegraph Co	45.00
Devils Lake Improvement Co	99.80
Dodge City Telephone Co	18.00
Dubuque Telephone Co	24.00
Duluth Telephone Co	50.00
East Tennessee Telephone Co	459.00
Empire State Telephone and Telegraph Co., The	30.00
Fayette Home Telephone Co., The	24.00
Flagstaff Mutual Telephone Co	24.00
Frontier Telephone Co., The	68.00
Georgia Telephone and Telegraph Co	60.00
Great Northern Telephone Exchange	6.00
Great Northern Telephone Co	18.00
Home Telephone Co	120.80
Home Telephone and Telegraph Co	36.00
Hudson River Telephone Co	66.50
Hughes Electric Co	7.50
Independent Long Distance Telephone Co	30.50
Independent Telephone Co., Taylor, Tex	21.00
Independent Telephone Co., Topeka, Kans	27.00
Indianapolis Telephone Co	60.00
Interstate Independent Telephone and Telegraph Co	36.00
Iowa Telephone Co	208.00
Ithaca Telephone Co	24.00
Kansas City Home Telephone Co., The	54.00
Keystone Telephone Co., of Philadelphia	80.00
Kinloch Telephone Co	69.00
Knox Telephone and Telegraph Co	4.10
La Crosse Telephone Co	30.00
Lewis, R. L	60.00
Louisville Home Telephone Co., The	78.50
Maryland Telephone and Telegraph Co	$73.00
Meridian House Telephone Co	36.00
Michigan State Telephone Co	569.60
Mississippi Valley Telephone Co. of Iowa	30.00
Missouri and Kansas Telephone Co	127.03
Mutual Telephone Co. (Iowa)	36.00
Mutual Telephone Co. (Pa.)	24.00
Mutual Telephone Co. (H. I.)	48.00
Nebraska Telephone Co	216.00
New England Telephone and Telegraph Co	332.95
New York and New Jersey Telephone Co	36.00
New York and Pennsylvania Telephone and Telegraph Co	129.00
New York Telephone Co	321.55
Niles, C. M	14.60
North Arkansas Telephone Co	24.00
North Dakota Independent Telephone Co	22.50
Northfield ,Vt., Telephone Co	18.00
North Platte Telephone Co	24.00
Northwestern Telephone Exchange Co	270.80
Ohio River Telephone Co., The	91.80
Ottawa Home Telephone Co	15.00
Ozark Bell Telephone Co	42.00
Pacific Telephone and Telegraph Co., The	786.92
Pacific States Telephone and Telegraph Co	344.91
Palestine Telephone Co	36.00
Peebles, W. B	20.13
Peninsular Telephone Co	48.00
Pennsylvania Telephone Co	117.00
Peoples Telephone and Telegraph Co	40.00
Pioneer Telephone and Telegraph Co	51.00
Providence Telephone Co	123.50
Rio Vista Telephone and Telegraph Co., The	30.80
Roberts Telephone and Electric Co., The	18.00
Rocky Mountain Bell Telephone Co	483.45
Roswell Telephone and Manufacturing Co	42.00
San Antonio Telephone Co., The	5.00
Sandusky Telephone Co., The	24.00
Santa Fe Electric Telephone Co	24.00
Sharpe & Rust	24.00
Shreveport Telephone Co	6.00
Snickersville Telephone Co	20.00
Southern Bell Telephone and Telegraph Co	1,260.59
Southern Bell Telephone and Telegraph Co., of Va	63.00
Southern Nevada Consolidated Telephone and Telegraph Co	30.00
Southern New England Telephone Co., The	184.00
Southern States Telephone Co	38.00
Southern Utah Telephone Co	36.00
Southwestern Telephone and Telegraph Co	359.00
Sunset Telephone and Telegraph Co	432.40
Telephone Co., of South Jersey	20.00
Toledo Home Telephone Co., The	78.00
Topeka & Independent Telephone Co	9.00
Tri State Telephone and Telegraph Co	61.00
Tucker Telephone and Telegraph Co	60.00
Tyrrell County Telephone Co	29.40
Union Telephone and Electric Light Co	15.00
Utah Independent Telephone Co	48.00

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Telephone—Continued.	
Washington County Telephone Co...	$29.30
Western Electric Telephone System..	18.00
Wichita Independent Telephone Co..	30.00
Williamson County Telephone Co....	7.00
Wisconsin Telephone Co.....	206.35
Wythe Mutual Telephone Co.....	12.00
Wytheville Telephone Co.....	12.00
Yankton Telephone Co.....	24.00
York State Telephone Co.....	30.00
Zenith Telephone Co.....	36.00
Total.....	15,018.04
Rent.	
Adams, Orson, jr.....	480.00
American Surety Co. of New York...	3,500.00
Asheville Library Association.....	300.00
Ashurst, Elizabeth L.....	300.00
Baldwin, Charles.....	450.00
Bank of Tehama County (Red Bluff, Cal.).....	384.80
Bank of Wytheville.....	400.00
Beeson, C. M.....	353.64
Boucher, Chas. M.....	360.00
Brown University.....	115.00
Buel, Charles J.....	378.00
Buhne, Dillie L.; Pratt, Mary C.; Buhne, Georgie C.; Buhne, Sophie C.....	369.10
Capitol Trust Co.....	2.50
Capitol Savings and Trust Co., The..	45.00
Century Co., The.....	1,200.00
Chamber of Commerce Building.....	315.00
Chemical Building Co.....	1,800.00
Citizens Bank of Norfolk.....	861.00
City Bank and Trust Co.....	1,000.00
City of Palestine.....	292.00
Clark, D. H.....	720.00
Cleary Bros.....	540.00
Coke, Kate F.....	300.00
Commissioner of the interior of Porto Rico.....	684.00
Connecticut Mutual Life Insurance Co., The.....	600.00
Connell, James L.....	475.00
Consolidated Improvement Co.....	660.00
Cook, A. L.....	360.00
Crocker, Jacob.....	300.00
Cummins, Katharine.....	440.00
Cutter, Dwight, attorney.....	65.00
Dann, Wm. H.....	288.00
Diaz, Angel, estate of.....	170.00
Dooly, John E.....	1,080.00
Dyal-Upchurch Investment Co.....	750.00
Empire Building Trust.....	1,116.00
Farmers' Deposit National Bank, The.	2,500.00
Farmers' National Bank of Fresno..	480.00
First National Bank of Kalispel, The.	360.00
First National Bank of Portland, The.....	700.00
Fitzgerald, Harry J.....	420.00
Frazer, Alice R.....	504.00
Fraternal Hall Association.....	420.00
Fremont Lumber Co.....	351.00
Fuller, Earnest P.....	468.00
Geiger, Adam.....	165.32
Geiser, Frank E.....	412.00
Given, Lena L.....	402.00
Gonzales, Vicente.....	200.00
Gregory & Appel.....	1,500.00
Hannington, Henry, agent for Boston Building.....	1,710.00
Harding, Edgar, estate of.....	540.00
Hayden Co., The.....	1,200.00
Hayden, Maggie L.....	360.00
Hazell, Louisa.....	650.00

Name.	Amount.
Rent—Continued.	
Hicks, Yale, agent.....	$480.00
Hughes & Co., Ed. S.....	381.80
Jefferson, George.....	10.00
Jeffris & Co., L. M.....	500.00
Jones, E. P.....	107.33
Keating, Fannie L., deceased, e state of.....	504.00
Lamb, P. H.....	600.00
Law Building Co.....	250.00
Leddy, Frank, agent Malley Building	760.00
Los Angeles Trust Co.....	780.00
Lovenskiold, O. C.....	331.00
Lovett, George L.....	650.00
McCall, F. A.....	550.00
Maduro & Sons, S. E. L.....	260.00
Majestic Co., The.....	140.00
Marquette County Savings Bank.....	420.00
Marty, Albert.....	660.00
Marx, M.....	825.00
MaSabe, Jose.....	125.00
Matthiessen, Frederick W.....	360.00
Merchants' Exchange, The.....	500.00
Merrill-Ring-Bliss Co.....	144.00
Michigan Trust Co. Building.....	1,400.00
Mill Valley and Mount Tamalpais Scenic Rwy.....	420.00
Mount Washington Rwy. Co.....	5.00
Mutual Assurance Society of Virginia.	1,000.00
Nicholas Building Co., The.....	802.36
O'Neil, Eugene.....	540.00
Osborn, Edward D.....	500.00
Parmentier, Margaret.....	297.00
Peel, E. H.....	144.00
Pennoyer, E. L.....	235.00
Pioneer Press Co., The.....	600.00
Prudential Co.....	956.00
Ransom, John E.....	540.00
Richard, Emma.....	1,200.00
Roach, F. Norman.....	170.00
Rolle, H.....	36.00
Ross, D. Hope.....	177.16
Royal Mail Steam Packet Co., The...	25.81
Seitz, F. W.....	180.00
Shelden, Mary E.....	375.00
Smith, E. Milner, agent.....	420.00
Smith, John B.....	300.00
Smith, Willard A.....	60.00
Society for Savings in the City of Cleveland.....	1,440.00
Tacoma Chamber of Commerce Build-Co.....	420.00
Talbot, Walter.....	480.00
Taylor National Bank.....	540.00
Thoma-Bigelow.....	510.00
Title Guarantee Loan and Trust Co..	720.00
Union Trust Building Co., Limited..	614.17
Van Deventer, James and Letitia Flournoy.....	77.42
Vicini, Laura P. Vda.....	340.00
Victory, John P., agent.....	360.00
Ware, H. J.....	444.00
Warren Mercantile Co., F. E.....	620.00
Western Electric Telephone System..	6.00
Williams, Burton S.....	327.00
Withrow, John A.....	120.00
Woodliff, Thomas J.....	475.00
Young Building Co., Limited, Alexander.....	1,020.00
Total.....	62,931.41
Gas and electricity.	
Abilene Light and Water Co.....	19.20
Alpena Electric Light Co.....	22.05
A. and M. College of Kentucky.....	12.00
Amarillo Water, Light, and Power Co.	6A.38

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Gas and electricity—Continued.	
Anacortes Water Co	$22.50
Annapolis Gas and Electric Light Co.	36.00
Anniston Electric and Gas Co	70.25
Asheville Electric Co	16.32
Ashland Light, Power, and Street Railway Co	38.00
Astoria Electric Co	16.00
Atlantic Electric Light and Power Co., The	108.22
Benton Harbor and St. Joseph Electric Railway and Light Co	25.00
Biloxi Electric Railway and Power Co	18.00
Board of Fire and Water Commission	9.27
Born, E. A	111.00
Bricker, W. S	25.00
Brush Electric Light and Power Co	18.00
Burlington Light and Power Co	86.14
Cape May Light and Power Co., The	42.19
Charleston Consolidated Railway, Gas, and Electric Co	58.98
Charlevoix Electric Light Plant	9.00
Cheney Sons, P. H	15.00
Citizens' Electric Co	25.00
Citizens' Gas, Electric and Power Co.	84.50
Citizens' Gas and Electric Co., The	22.53
City of Bentonville	48.36
City of Harbor Springs	30.00
City of Lake City	15.00
City of Milwaukee	25.00
City of Port Angeles	27.04
City of South Haven	25.00
City of Thomasville	67.36
City Treasurer (Tacoma, Wash.)	12.44
Columbia Electric Street Railway, Light, and Power Co	39.60
Commercial Electric Co., The	16.20
Commonwealth Electric Co	16.05
Consolidated Gas Co. of New Jersey	3.80
Consolidated Gas, Electric Light, and Power Co	8.30
Consolidated Electric Light Co. of Maine	75.00
Day, D. H	15.00
Del Rio Electric Light and Ice Co	2.50
Devils Lake Improvement Co	28.48
Dooly, John E	30.00
Duluth Edison Electric Co	73.01
Edison Electric Co., The	7.70
Edison Sault Electric Co	80.00
Electric Light Co. (Manitowoc, Wis.)	36.00
Electric Light and Power Co. (Munising, Mich.)	13.80
Elizabeth City Electric Light and Power Co	25.00
Eureka Lighting Co	24.00
Fall River Electric Light Co	24.31
Flagstaff Electric Light Co	27.00
Fort Smith Light and Traction Co	11.25
Frankfort Electric Light Co	25.00
Galveston Gas Co	45.30
Georgetown Electric Co. (South Carolina)	35.00
Gloucester Electric Co	19.56
Grand Haven City Electric Light Co.	24.84
Grand Rapids Edison Co	12.00
Grand Rapids Gaslight Co	7.47
Green Bay Gas and Electric Co	25.00
Gulfport and Mississippi Coast Traction Co	12.00
Havre Electric Co	126.20
Helena Light and Railway Co	65.00
Herrick, Richard	1.80
Houghton County Electric Light Co.	23.07
Hughes Electric Co	86.40
Gas and electricity—Continued.	
Huron Village Electric Light Plant (Ohio)	$10.70
Indianapolis Light and Heat Co	38.86
Kalispell Water and Electric Co	117.00
Kenosha Gas and Electric Co	36.00
Key West Electric Co	37.58
Lewiston-Clarkson Co	64.73
Light and Power Commission (Marquette)	35.90
Lincoln Traction Co	36.00
Loud Henry Nelson	12.00
Manistee Gas and Electric Co	15.00
Marais Lumber Co	13.80
Marblehead Municipal Light Department	10.75
Marx, M	35.00
Menominee and Marquette Light and Traction Co	8.28
Michigan City Light and Power Co	25.00
Miller, J. E., & Son	12.42
Milwaukee Electric Railway and Light Co., The	25.00
Minneapolis Gas Light Co	21.67
Minneapolis General Electric Co., The	60.00
Morgan City Electric Co., Limited, The	30.00
Municipal Electric Light Plant	21.80
Muskegon Traction and Lighting Co.	30.00
Mutual Light and Water Co	28.80
Narragansett Electric Lighting Co	27.84
Narragansett Pier Electric Light and Power Co	42.90
Nashville Gas Co	41.20
Nashville Railway and Light Co	15.00
Nevada-California Power Co	36.00
Nevada Power M. & M. Co., The	18.00
New Bedford Gas and Edison Light Co., The	42.42
Newburyport Gas and Electric Co	36.64
New England Gas and Electric Co	37.05
New Orleans Gas Light Co	53.88
New Orleans Railway and Light Co	11.00
Newport News and Old Point Railway and Electric Co	26.67
Nichols Building Co., The	23.54
Northern California Power Co	2.00
North Platte Electric Light and Power Co	42.36
Norwich University	86.00
O'Connor, James	16.69
Oklahoma Gas and Electric Co	71.70
Owens, M. W	4.00
Pacific Gas and Electric Co	37.97
Palestine Electric Light Co	2.25
Pascagoula Street Railway and Power Co	18.00
Pellston Electric Co	25.00
Peoples Gas and Electric Co. of Oswego	14.00
Peoria Gas and Electric Co	98.46
Port Arthur Water Co	15.00
Port Huron Light and Power Co	8.00
Port Lavaca Ice, Light and Power Co.	14.38
Potter, Rae	2.00
Power Department (Bayfield, Wis.)	10.00
Quartermasters' Department, U.S.A. (Fort Yellowstone)	18.79
Raleigh Electric Co	31.56
Red Wing Gas Light and Power Co	15.00
Reno Power, Light and Water Co	15.60
Rockingham County Light and Power Co	23.28
San Antonio Gas and Electric Co	12.48
San Francisco Gas and Electric Co	4.40
Santa Fe Water and Light Co	67.37
Sheboygan Light, Power and Railway Co	22.00

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Gas and electricity—Continued.	
Springfield Gas Light Co	$20.50
Springfield Light, Heat and Power Co	207.45
Standard Gas and Electric Co	25.35
Stearns Lighting and Power Co	22.50
Sturgeon Bay Electric Light Plant	22.00
Tonopah Light and Power Co	18.00
Town of Edenton	16.67
Washburn Electric Light and Power Co	20.00
Washington Electric Plant	18.00
Wickford Light and Water Co	7.86
Wichita Electric Light and Power Co	7.50
Young Building Co., Limited., Alexander	37.50
Total	4,530.43
Printing and binding.	
Acme Publishing Co	83.20
Allred, W. E	105.00
Alvart & Peters Co., The	3.00
Arizona Publishing Co	620.00
Aughinbaugh, C. E	1.50
Barlow Bros	25.85
Barron & Co., W. S	3.50
Bates, B. W	4.00
Baughman, G. H	56.40
Bean, Waters & Co	3.50
Becher & Eitel	5.50
Bedford, W. S	2.50
Bell Co., J. P	5.00
Bennett Printing House	121.50
Bismarck Tribune Co	399.00
Boletin Mercantile	66.00
Bork, Michael M	2.00
Breithampt Printing Co., L	130.00
Brewster, Quincy E	58.40
Bridge, J. D	3.50
Bristol Co., The S. A	52.30
Brown & Power (Incorporated)	90.25
Bryan Co., The R. L	135.90
Bulletin Publishing Co. (Limited)	234.00
Burke Co., The J. W	2.50
Burlington Printing and Publishing Co	1.50
Burrow, G. W	5.00
Calder, Fladger & Co	7.50
Calder, Conklin & Co	3.00
Caxton Co., The	7.60
Chilton, W. P	48.20
Clark, Frank K	2.50
Collier, O. F	2.50
Comly, John	52.70
Commercial Printing House	57.00
Crane & Co	2.00
Dahl & Co., A. J	3.00
Dearing Printing Co., C. S	87.25
Democrat Printing Co	2.50
Democrat Printing and Lithographing Co	60.05
Dispatch Printing and Engraving Co	5.25
Drew Co., The H. & W. B	302.70
Eberwein & Zohrudt	3.00
Edwards & Broughton Printing Co	49.45
Ellerton Carver Co	30.22
Ellis Bros	4.50
Fidlar & Chambers	4.50
Fink Stationery and Printing Co., The F. J	44.00
Foote & Davies Co	55.80
Foster, Webb & Parkes	39.75
Franklin Press, The	9.00
Franks & Sons (Incorporated), J. W	5.00
Fresno Republican Publishing Co	2.20
Friedenwald Co., The	60.50
Galveston Tribune	$75.00
Gereke, A. J	20.00
Gernan, Owen	55.30
Glass & Prudhomme	77.00
Globe Book Bindery	3.50
Hackney & Moale Co	3.50
Hart, Hiram A	72.50
Havens Co., The Joseph D	3.50
Hawaiian Gazette Co. (Limited The)	1,133.00
Hermann, Carl	2.00
Hipple Printing Co	3.00
Huron Printing and Publishing Co	52.25
Hussey, Roland B	3.25
Independent Bindery, The	3.75
Inland Printing Co	6.00
Iola Daily Register	2.25
Iowa Printing Co	34.75
Jacobs & Holmes	32.25
Jenkins, W. S	62.50
Jewell, M. H	33.75
Kaelin & Co., Louis J	2.50
Kaestner & Brown Co	3.00
Kansas Farmer Co., The	90.00
Kelly & Co	87.00
Kenyon Printing and Manufacturing Co., The	1.15
Keystone Printing Co	3.00
Kistler Stationery Co., The W. H	44.00
Leader Publishing Co	51.00
Legeman, W. A	3.00
Longstaff, John	3.00
Loose Leaf Manufacturing Co	9.00
McIntyre, E. B	25.00
McNeil, H. H	34.20
Mercantile Printing Co. (Limited)	3.00
Metropolitan Press Printing Co	64.40
Mining Gazette Co	3.50
Mississippi Printing Co	213.50
Montpelier Book Binding Co	2.50
Moore Printing Co	3.50
Munsell, Charles	6.50
Murphy, Travis Co	55.00
Naegele & Co	65.00
Nankervis, C. T	47.25
Nevada Press Co	152.25
New Mexican Printing Co	39.90
News Printing Co	29.25
Nunemacher, F. C	56.25
Peck, Henry H	5.00
Peninsular Printing Co	2.50
Phillips Bros	61.50
Pioneer Press Co	9.00
Post Bindery Co., The	3.00
Reno Printing Co	76.00
Rose, George M	2.00
Ruggles, Gale Co., The	2.50
Ruzicka, Joseph	4.50
St. Louis Bindery Co	18.25
San Antonio Printing Co	11.00
Schmitt, P. M	185.00
Schnepp & Lauer Co	52.00
Schnepp & Barnes	48.00
Schuler, John M	5.00
Schwarz, Wm	2.40
Scranton & Son, J. A	3.00
Sentinel Co., The	3.50
Silvius & Schoenbackler	30.00
Sleater, Robert G	153.00
Smith, Brooks Printing Co., The	25.65
Star Printing House	150.00
State Journal Co. (Nebraska)	45.00
State Journal Co. (Virginia)	75.00
State Publishing Co	46.40
Statesman Printing Co	489.50
Stephens Publishing Co	48.00
Strickland, J. V	2.50
Summers Printing Co	14.70

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.
Printing and binding—Continued.	
Syrus-York Co	$3.60
Telegraph Herald Publishing Co	3.00
Times-Journal Publishing Co	135.70
Todd, F. T	2.00
Toof & Co., S. C	3.00
Transylvania Co., The	2.00
Tree, J. Will	22.00
Tri City Lithographing and Printing Co	1.00
Tribune-Reporter Printing Co	87.00
Turk, John	2.25
Van Boeckman-Jones Co	2.50
Walker Bros. & Hardy	3.00
Wendt & Rausch Co., The	3.00
West, Frank A	2.50
Western Newspaper Union	5.33
Woodruff-Collins Printing Co	3.50
Wolff & Sieloff	9.00
World Publishing Co	19.25
Total	7,959.10
Apparatus, instruments, and laboratory material.	
Elmer & Amend	87.10
Electric Storage Battery Co., The	14.00
Eriksson, John E	4.00
Flint & Walling Manufacturing Co	2,234.25
Friez, Julien P	7,637.70
Gaertner & Co., Wm	70.00
Gray & Sons, Peter	144.50
Green, Henry J	4,384.13
Gurley, W. & L. E	6.00
Harn, A. C	25.00
Jenks, W. S	225.50
Mogey, W. & D	195.50
Philadelphia Thermometer Co	427.50
Queen & Co., Inc	589.50
Richard, J	1,217.27
Schneider Bros	68.10
Taylor, Taylor & Hobson (Limited)	127.50
Toepfer & Sohn, Otto	17.21
Warren, Henry E	99.98
Total	17,574.74
Travel and station and field expenses.	
Abbe, C	19.16
Adams, G. B	32.30
Alciatore, H. F	65.45
Alexander, W. H	9.25
Alps, H. F	19.91
Andree, H. J	10.00
Armington, J. H	71.04
Ashenberger, A	3.45
Ashley, A. McC	159.41
Bailey, W	.75
Baldwin, H. McP	52.35
Balster, J. A	1.75
Barger, G. J. P	51.25
Barron, W. E	2.35
Bartlett, J. L	15.25
Bassler, S. S	22.00
Bate, H. C	11.99
Bauer, J. W	21.14
Beals, E. A	128.12
Belden, W. S	50.54
Bell, A. H	3.50
Bell, W	.75
Bennett, W. J	1.90
Berry, J	3.00
Bigelow, F. H	461.25
Blair, W. R	13.25
Bliss, G. S	57.30
Blosser, C. T	51.70

Name.	Amount.
Travel and station and field expenses—Continued.	
Blystone, M. E	$19.60
Blythe, W. T	90.05
Bolton, J. P	5.00
Boyer, H. B	1.25
Boyle, J. A	37.05
Brand, A	2.00
Brandenburg, F. H	382.92
Bridges, T. L	12.17
Bright, C. B	28.60
Brockway, A. L	430.27
Brooks, E. M	20.10
Brown, E. A	8.62
Buchanan, E. R	28.70
Buell, A	2.65
Bunnemeyer, B	130.50
Burns, A. G	22.15
Burns, E. T	6.25
Burns, W. G	96.04
Byram, J. W	2.50
Cade, W. R	2.80
Calvert, E. B	47.50
Chappel, G. M	38.15
Church, V. H	25.40
Clark, R. E	31.04
Clark, W. F	1.00
Cline, I. M	26.10
Cline, J. L	25.30
Coberly, E. D	49.50
Cogswell, D. B	62.92
Collins, P	33.85
Collins, T. S	3.00
Conger, N. B	532.58
Connor, P	41.55
Considine, T. J	26.74
Conway, M. E	3.40
Cooke, H. C	41.00
Cover, L. C	5.70
Covert, R. N	97.85
Cox, H. J	511.06
Cronk, J. W	3.00
Cunningham, N. M	79.79
Currier, W. S	5.50
Cushing, F. S	9.45
Cuthbertson, D	102.84
Daingerfield, L. H	1.25
Day, W. L	11.16
Demain, E. R	.45
Denson, L. A	4.70
Devereaux, W. C	76.55
Dewing, C. R	365.00
Dey, Laura M	14.75
Dey, Luther M	1.20
Dick, H. B	4.00
Disterdick, F. L	45.15
Dorman, L	8.95
Drake, T. F	228.45
Drinkwater, A	.96
Dudley, W. M	7.93
Dyke, R. A	81.28
Emery, E. H	214.34
Evans, E. A	52.40
Fassig, O. L	71.16
Faulk, M. C	67.65
Felger, G. W	16.55
Firestone, T. D	21.50
Fisher, R. L	8.70
Flattery, C. W	27.55
Frankenfield, H. C	647.33
Fuller, M. L	4.40
Garrason, J. S	45.45
Garriott, E. B	89.25
Gaskins, W. H	48.75
Geren, H. O	114.90
Gibson, T	4.00
Glass, E. J	12.75
Glenn, S. W	63.56

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Gosewisch, F. Z.	$6.35	McDowall, G. W.	$28.95
Grant, R. Q.	2.50	McGann, E. W.	.75
Grasse, H. W.	2.25	McGuiness, W. C.	69.70
Gray, J. J.	46.39	McLean, J. J.	25.85
Gregg, W. R.	48.65	Madden, S. H.	26.70
Grimes, G. E.	9.23	Marbury, J. B.	63.30
Groene, E. F.	9.55	Marean, E. F.	29.15
Gross, H. C.	.50	Marks, H. A.	14.33
Grover, J.	83.35	Marvin, C. F.	49.50
Grunow, D. C.	19.00	Maxwell, L. V.	18.45
Guthrie, L. J.	59.80	Middlesworth, V.	87.75
Hackett, S.	3.15	Miller, E. R.	47.63
Hadley, O. M.	10.31	Mills, C. L.	12.08
Haines, E. H.	61.57	Minehart, E. M.	66.60
Hamrick, A. M.	46.50	Mitchell, A. J.	58.70
Hardinge, R. M.	45.30	Mitchell, C. L.	36.15
Hare, W. B.	130.31	Mitchell, W. A.	7.48
Hart, F. J., jr.	4.48	Moore, W. L.	122.22
Hart, H. G.	29.78	Moxom, W. J.	27.75
Hartwell, F. E.	231.91	Neifert, W. W.	60.63
Hass-Hagen, G.	10.86	Newsom, J. F.	26.96
Hayden, J. C.	159.34	Nichols, E. S.	87.12
Hayes, M. W.	71.43	Nimmo, E. H.	1.00
Hazen, J. S.	9.80	Norquest, C. E.	88.40
Henry, A. J.	83.65	Noyes, G. H.	1.30
Hersey, H. B.	634.48	Oberholzer, G. R.	89.34
Hess, P.	10.10	O'Donnell, J. J.	481.77
Hobbs, E. C.	7.00	Olds, W. J.	77.35
Hobbs, H. E.	4.55	Outram, T. S.	10.00
Hovde, M. R.	37.07	Page, J.	17.40
Howard, M. S.	56.75	Palmer, W. S.	59.12
Howe, H. C.	13.83	Parker, O.	9.50
Howe, Van V.	4.25	Parrott, L. S.	19.20
Humphreys, W. J.	259.08	Passailaigue, L. F.	27.80
Hutchison, J. E.	44.04	Patrick, W.	70.33
Hyatt, R. J.	47.60	Pennywitt, H.	17.65
Hyle, C. A.	.75	Peterson, S. P.	28.55
Jakl, V. E.	3.50	Pettet, R. D.	23.70
Jennings, T. B.	17.20	Piercy, J. C.	8.25
Jensen, N. H.	12.35	Pilcher C. H.	3.00
Jermin, F.	32.80	Pindell, L. M.	26.10
Jesunofsky, L. N.	35.27	Pollock, R. E.	370.30
Johnson, C. E.	1.00	Pugh, A. W.	46.75
Johnson, E. H.	80.20	Purssell U. G.	45.50
Johnson, H. N.	48.75	Randall, A. V.	26.46
Jones, E. P.	62.65	Rasmussen, M.	26.36
Jones, J.	244.55	Rawle, W. A. R.	2.66
Judkins, L. A.	35.21	Reed, C. D.	8.00
Justice, A. A.	12.90	Reed, W. F., jr.	18.20
Kadel, B. C.	35.12	Reeder, G.	43.43
Kelley, J. M.	4.70	Richards, G. M.	10.80
Kelliher, J. J.	35.25	Richardson, H. W.	47.05
Keneely, J.	39.13	Roberts, O. W.	55.10
Kichline, H. E.	45.92	Robinson, J. H.	152.66
Kimball, H. H.	37.85	Robinson, M. A.	28.99
Kimball, J. H.	32.80	Roche, H. H.	14.22
King, T. H.	18.45	Roosa, I. P.	8.70
Kirk, J. M.	25.70	Ross, D. Hope	43.26
Lady, G. W.	39.20	Ryker, J. N.	19.75
Landis, D. S.	14.25	Salisbury, G. N.	8.55
Larcombe, B. F.	19.10	Sanford, M. R.	16.35
Lawton, G. E.	2.45	Scarr, J. H.	58.85
Lehman, W. F.	9.25	Schneider, C. F.	33.78
Lemmon, W. R.	27.25	Schoppe, W. J. A.	4.70
Lindley, R. T.	2.42	Scott, R. A.	47.70
Ling, C. W.	3.00	Seeley, D. A.	84.50
Linney, C. E.	107.98	Sherier, J. M.	5.60
Lodholz, L.	72.35	Shipman, T. G.	33.90
Lomasney, J. B.	101.91	Simons, W. U.	3.15
Loveland, G. A.	11.05	Slaughter, J. P.	71.80
Lyman, H.	27.55	Smith, E. D.	38.80
McAdie, A. G.	146.66	Smith, E. P.	24.55
McCallum, D. P.	11.85	Smith, H. C.	43.30
McClelland, H.	33.78	Smith, H. E.	5.05
McDonough, P.	60.85	Smith, J. H.	4.25

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Smith, J. W	$69.54	von Herrmann, C. F	$105.52
Smith, J. Warren	66.76	Voorhees, J. F	61.17
Smith, R. W	15.95	Vose, E. C	21.10
Smyth, P. H	2.35	Waldron, B. L	12.85
Snyder, J. B	166.25	Walz, F. J	42.80
Spencer, J. H	248.70	Warner, R. C	5.00
Spindler, H. H	1.75	Watters, W. H	18.80
Stewart, C	4.80	Weber, W	47.35
Stewart, O. D	74.10	Webert, L. P	42.10
Stewart, W. P	14.34	Weeks, J. R	2.50
Stockman, W. B	403.45	Wells, E. L	73.80
Stone, J. R	9.25	Whittier, B. B	18.65
Strong, C. M	3.75	Widmeyer, J. I	2.00
Stubbs, M. B	16.15	Wiesner, A	14.19
Sullivan, R. H	20.51	Wiest, E. S	25.65
Summey, A. T	54.66	Williams, F. L	4.19
Sutton, L. G	171.12	Williams, J. R	15.00
Tait, L. E	13.05	Wilson, G. N	4.70
Tarr, L. M	14.55	Wilson, W. M	61.39
Taylor, N. R	1.60	Wollaber, A. B	50.40
Thiessen, A. H	38.17	Wright, M	13.55
Thomas, W. W	54.50	Wurtz, G. B	12.46
Thompson, C. D. C	7.27	Wyland, W. L	103.10
Thompson, E. C	184.04	Young, F. A	2.40
Thorson, A. R	2.71	Young, R. F	85.70
Todd, G. T	28.94	Yeager, E. E	.50
Toole, J. P	7.31		
Townsend, T. F	10.14	Total	16,608.41

Total amount of appropriation	$630,000.00
Total expenditures under above groups	529,764.77
Unexpended balance	100,235.23

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000."

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Atlantic De Forest Wireless Co	Telegraph	$1.56
Corvallis and Eastern R. R. Co	do	22.80
Great Northern Telegraph Co. (Limited), The	do	287.44
Great North Western Telegraph Co., of Canada, The	do	1,426.72
Harper, J. T	do	43.84
International Ocean Telegraph Co	do	1,549.37
Jacksonville and St. John's Bar Telegraph Line.	do	31.75
Marconi Wireless Telegraph Co. of America	do	556.84
Marconi Wireless Telegraph Co. of Canada (Limited).	do	239.92
Marthas Vineyard Telegraph Co	do	372.39
Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do	127.07
Pacific States Telephone and Telegraph Co	do	8.70
Postal Telegraph-Cable Co	do	12,370.72
Put-in-Bay Telegraph Co	do	21.86
Western Union Telegraph Co., The	do	170,317.80
Alabama, Mississippi, and Tennessee Telephone Co.	Telephone	76.00
Bell Telephone Co. of Buffalo, The	do	159.14
Central District and Printing Telegraph Co., The	do	434.20
Chesterfield Telephone and Telegraph Co	do	22.90
Citizens' Telephone Co	do	99.65
Cumberland Telephone and Telegraph Co	do	1,931.28
Dakota Central Telephone Co. (Incorporated)	do	542.27
East Tennessee Telephone Co	do	459.00
Home Telephone Co	do	120.80
Iowa Telephone Co	do	208.00

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Weather Bureau, 1907, $630,000"—Continued.

CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Michigan State Telephone Co.	Telephone	$569.60
New England Telephone and Telegraph Co.	do	332.95
Niles, C. M.	do	14.60
Northwestern Telephone Exchange Co., The	do	270.80
Ohio River Telephone Co., The	do	91.80
Pacific Telephone and Telegraph Co., The	do	786.92
Pacific States Telephone and Telegraph Co.	do	344.91
Peebles, W. B.	do	20.13
Rocky Mountain Bell Telephone Co.	do	483.45
Southern Bell Telephone and Telegraph Co.	do	1,260.59
Tucker Telephone and Telegraph Co.	do	60.00
Tyrrell County Telephone Co., The	do	29.40
Union Telephone and Electric Light Co.	do	15.00
Washington County Telephone Co.	do	29.30
Direct West India Cable Co., The (Limited)	Cable	902.66
Kelley Island and Sandusky Cable Co.	do	16.40
Total		196,660.53
Miller, John A.	Construction of building at La Crosse, Wis.	9,732.50
Servey, Albert G.	Construction of building at Iola, Kans.	8,957.24
Shores, Ulysses G.	Construction of building at Sheridan, Wyo.	9,900.00
Woodworth, Ed. A.	Construction of building at Charles City, Iowa.	8,134.00
Total		36,723.74

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Weather Bureau, 1907, $58,000."

Name.	Amount.	Name.	Amount.
Miscellaneous, supplies etc.		*Miscellaneous supplies, etc.*—Cont'd.	
Alder, A. H.	$51.87	Jackson, Frank H.	$925.00
Alder, J.	130.12	Kelley, G.	123.38
Allder, S.	45.00	Kelley, G. W.	13.00
Arnette, W. F.	136.87	Kelley, J.	194.25
Ashby, T. J.	169.37	Kelley, O.	43.00
Ashby, W.	180.00	Kelly, A.	49.50
Ashby, W. F.	167.50	King, Charles T., & Co.	1,250.00
Baker, C. W.	155.25	Kluckhuhn & Bro.	117.00
Barber & Ross.	131.00	Lambie Co., Incorporated, James B.	50.18
Bishop, Harry A.	3,240.00	Lehman, William F.	1.50
Blair, Algernon.	7,306.92	Leslie, J. H.	615.20
Bromilaw Brick Co.	420.00	Lloyd, A.	167.25
Carroll, George.	52.87	Lloyd, J. L.	283.74
Carroll, J.	51.37	Lloyd, R.	109.12
Carter, F.	174.75	Lunceford, J. H.	123.75
Champ, N.	129.00	McCarthy, J. A.	52.50
Chappell, G. W.	99.38	McDonough, W. H.	556.50
Clark, William F.	1.00	Mahorney, A.	132.75
Corning, J. H.	147.89	Martz, C.	196.87
Dove, J. M.	91.25	Martz, F.	146.90
Dyer, Wm. H.	316.75	Martz, J. W.	529.12
Elsea, R. T.	81.00	Martz, S.	171.50
Emery, Eben H.	1.50	Martz, W.	160.50
Everhart, H. O.	239.25	Mayor and aldermen of Birmingham.	60.00
Everhart, S. E.	134.25	Mercer, N.	55.50
Faester, W.	174.75	Mercer, S. H.	90.00
Feltner, Archie.	91.25	Mitchell Co., The M. C.	1,170.00
Feltner, A.	264.37	Moran Co., John.	30.00
Field & Co., Henry K.	1,821.00	Murphy Co., Incorporated, E. J.	150.00
Fowler, J.	151.12	Muth & Co., Geo. F.	45.79
Furr, J.	52.87	Norris, Bros.	810.94
Furr, M.	103.87	Osburn & Bro.	42.12
General Fireproof Co., The	80.64	Poston, T., jr.	49.50
Grimes, G. W.	4.50	Poston, T. F.	111.00
Grove Lime and Coal Co., The	1,505.00	Prowell Hardware Co.	55.30
Harding & Upman.	876.44	Pyne, M. M.	111.75
Hummer, F.	82.50	Quintard Land Co.	1,798.75
Hummer, W. S.	198.00	Rosslyn Supply Co.	173.80
Hummer, W. T.	157.50	Rudolph & West Co.	19.71

WEATHER BUREAU—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Weather Bureau, 1907, $53,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Furniture.*	
Scott, H. R.	$550.00	Alliston & Paschall	$17.75
Seth Thomas Clock Co.	12.00	Dewberry and Montgomery State Co.	12.50
Shafer, M. N.	222.00	Hoeke, W. H.	39.76
Smallwood, F. M.	298.50	McIntyre, Frank	1.00
Smoot, L. E.	566.10	Stowers Furniture Co.	109.00
Sowers, A.	29.25	Swayze, W. L.	3.20
Sowers, H.	238.87	Trigg Steele Co.	20.00
Spangler Co., The Frank	169.50		
Tavenner, M. D.	210.00	Total	203.21
Thompson, A. W.	46.87	*Apparatus, instruments, and laboratory material.*	
Tinsman, A. J.	237.50		
Tinsman, E.	190.00	Flint and Walling Manufacturing Co.	71.00
Tinsman, W. H.	105.75	Friez, Julien P.	225.00
Tumblin, M.	51.37	Green, Henry J.	120.00
Walker Sons, J. T.	34.54	Richard, J.	120.24
Wolfsteiner Co., O. L.	1,475.00		
Total	34,441.89	Total	536.24

Total amount of appropriation	$53,000.00
Total expenditures under above group	35,181.34
Unexpended balance	17,816.66

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Weather Bureau, 1907, $53,000."

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Blair, Algernon	Construction of building at Anniston, Ala.	$10,458.92
Bishop, Harry A	Construction of building at Birmingham, Ala.	13,750.00
King, Chas. T. & Co	Heating apparatus at Mount Weather, Va.	2,102.68
Leslie, J. H	Plumbing work at Mount Weather, Va.	1,296.78
Total		27,608.38

RECAPITULATION.

Statutory salaries	$193,918.11
Lump-fund salaries:	
In Washington	21,042.61
Outside of Washington	570,000.85
Stationery	38,277.04
Miscellaneous supplies and services, equipment, books, machinery, etc	155,991.22
Furniture	12,441.88
Fuel	8,913.25
Freight	2,123.92
Express	747.69
Telegraph	189,642.09
Telephone	15,536.08
Rent	62,931.41
Gas and electricity	4,843.23
Apparatus, instruments, and laboratory material	18,166.09
Printing and binding	8,202.29
Travel and station and field expenses	16,608.41
Total for entire Weather Bureau	1,319,386.17
Total amount of appropriations	1,439,240.00
Total expenditures under above groups	1,319,386.17
Unexpended balance September 30, 1907	119,853.83
Outstanding liabilities (estimated)	102,430.58
Balance to be turned back to the Treasury (estimated)	17,423.25

PROJECTS.

The principal projects conducted by the Weather Bureau during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

The general work of the Weather Bureau outside of Washington, except the construction of observatory buildings, was carried on under the authority contained in two appropriations, viz, "Salaries, Weather Bureau," from which all commissioned and temporary employees were paid, and "General expenses, Weather Bureau," from which all other expenses were paid. The commissioned employees were located at 206 stations, the majority of which served as centers for the prosecution of forecast, climatological, crop, river and flood work, etc., in the surrounding sections. The official in charge and the employees under him were engaged in the performance of the various lines of work that were carried on at each station. This work has been divided into projects, which are hereafter described. As an illustration: The official in charge of the station at New Orleans is in charge of the climatological work of the State of Louisiana, the forecasting of stages for the rivers within the State, the taking and recording of observations, the issuing of daily weather and temperature forecasts, the making of frost and cold-wave forecasts for several States, the dissemination of storm and hurricane warnings, the collection and dissemination of special meteorological crop observations, ocean meteorological observations, the printing and issuing of weather maps, bulletins, forecast cards, etc. All of this work is done by the official in charge and his corps of assistants, much of it being done simultaneously, the total time devoted to any one project varying from day to day according to existing weather conditions. The whole work is done in the same office, using the same furniture, stationery, and having a common expense for fuel, gas, electricity, etc. The work is so coordinated as to accomplish the greatest amount with the least expense, but the impracticability of determining an accurate cost of rent, gas, electricity, fuel, stationery, furniture, and other miscellaneous expenses, and the exact salary cost for each line of work is evident. The condition at New Orleans is typical of other stations. Therefore the cost indicated for each project has been approximated, but it is reasonably correct.

No. 1. Administration.

Willis L. Moore, Chief of Bureau in Washington.

Cost.

Salaries in Washington	$122,160.00
Traveling and field expenses	297.57
Fuel, lights, repairs, supplies, etc	19,842.87
Total	142,300.44

No. 2. The Monthly Weather Review.

Cleveland Abbe, professor of meteorology (Washington), editor.

A summary of the weather of the month and the year showing average temperature and other climatological data for about 3,500 land stations in the United States. The aim is to present the meteorological conditions for each month so that the weather of any part of the United States can be easily compared with that of any other, or with any portion of the world.

Cost.

Salaries	$4,200.00
Traveling and field expenses	19.16
Paper, composition, presswork, etc	12,650.00
Total	16,869.16

No. 3. Forecast Work.

Edward B. Garriott, professor of meteorology (Washington), in charge.

(*a*) *Weather and temperature forecasts.*—Made twice daily for all States; based upon observations of meteorological conditions made at about 230 stations in the United States, the West Indies, Hawaiian Islands, Alaska, the Azores, Iceland, Canada, and a few points in Europe and Asia.

(*b*) *Storm Warnings.*—Warnings of storms likely to imperil shipping; distributed by telegraph, telephone, and other expeditious means to all ports on the Atlantic, Pacific, and Gulf seacoasts, and Great Lakes that are within the threatened zone.

(*c*) *Cold waves.*—Advices of coming of cold waves given in threatened districts twelve to thirty-six hours in advance by means of telegraph, telephone, mail, flag signals, etc.

(*d*) *Frost warnings.*—Issued during crop-growing seasons in the interest of fruit, truck, tobacco, and other growers.

(*e*) *Hurricane warnings.*—Special advices to threatened districts on Atlantic and Gulf coasts of approach of West Indian hurricanes.

(*f*) *Heavy snow warnings.*—For the benefit of transportation lines both in and out of cities.

(*g*) The daily distribution of forecasts and meteorological information by maps, bulletins, forecast cards, etc.

Cost.

Salaries	$364,465.60
Traveling and field expenses	9,486.20
Miscellaneous supplies and expenses	319,136.10
Total	693,087.90

No. 4. River and Flood Service.

Harry C. Frankenfield, professor of meteorology (Washington), in charge.

For the staging of rivers and the issuing of daily forecasts of water stages and of flood warnings in the interest of commerce and navigation and for the saving of life and property.

Cost.

Salaries	$43,631.57
Traveling and field expenses	1,047.33
Miscellaneous supplies and expenses	34,811.21
Total	79,490.11

No. 5. Cranberry Marsh Investigations.

Henry J. Cox, professor of meteorology (Chicago), in charge.

Conducted in the marshes of Wisconsin for the purpose of improving frost warnings for benefit of this industry, which is peculiarly subject to damage by frost.

Cost.

Salaries	$650.00
Traveling and field expenses	300.00
Miscellaneous supplies and expenses	50.00
Total	1,000.00

No. 6. Climatological and Crop Work.

James Berry, Chief of Division (Washington), in charge.

(*a*) *Climatological work.*—Establishing the climatology of the United States by means of meteorological observations taken at regular stations and by about 3,600 cooperative observers located in each county of the United States. The data for each State are collected monthly at a regular station designated as the State center, and published in quarto size.

(*b*) *Meteorological crop reports.*—Special observations of weather, precipitation, and temperature taken at about 290 places in the great cereal and cotton belts and telegraphed daily to district centers, where they are issued in bulletin form for the benefit of the corn, cotton, sugar, rice, and wheat interests. Weekly bulletins giving the summary of weather conditions for the preceding week that have had marked bearing on crops are printed and issued from each State center.

Cost.

Salaries	$109,596.54
Traveling and field expenses	2,325.00
Miscellaneous supplies and expenses	76,749.13
Total	188,670.67

No. 7. Ocean Meteorology.

Henry L. Heiskell, Chief of Division (Washington), in charge.

(*a*) *Ocean meteorology work.*—The collection of meteorological and physical information pertaining to the oceans for vessels of war, of commerce, etc., plotting the data on daily synoptic charts, etc., and the preparation of data for use in the monthly pilot charts of the Atlantic and Pacific oceans issued by the Hydrographic Office.

(*b*) *Vessels reporting.*—The arrival and departure of passing vessels for the benefit of commerce and navigation at certain stations located on the Atlantic, Gulf, and Pacific coasts.

Cost.

Salaries	$14,113.44
Traveling and field expenses	250.00
Miscellaneous supplies and expenses	1,712.02
Total	16,075.46

No. 8. Research Observatory.

William J. Humphreys, professor of meteorological physics (Mount Weather, Va.), in charge.

For conducting meteorological obervations for the improvement of weather forecasts, warnings, etc.

(*a*) Meteorological observation station work.

(*b*) Studies of the atmosphere at the surface of the earth, and at various altitudes; determinations of its temperature, moisture content, pressure, state of electrification, direction, and magnitude of its movements, its cloudiness, dust content, absorption of light, of heat, and of electric waves, and its various other properties.

(*c*) Solar investigations, involving a careful measurement of the insolation, or amount of solar energy reaching the earth in a unit of time, the size and distribution of sun spots, faculæ, and prominences; and an especial effort to detect all changes in the registered amounts of the solar energy, and a careful effort to refer these changes to their real causes, whether of terrestrial or of solar origin.

(*d*) Terrestrial magnetism—a study of the regular and of the irregular changes in the magnitude and direction of the earth's magnetic force, in connection with other terrestrial phenomena and with solar activities of all kinds.

(*e*) Laboratory investigations—the reproduction under controllable conditions of various meteorological phenomena, and experiments that may aid in explaining the origin and laws of weather conditions; also the construction and standardizing of certain apparatus.

Note.—Investigations classed under (*b*) and (*d*) are now being made, and preparations are being made for other lines of work as indicated.

Cost.

Salaries	$14,189.33
Traveling and field expenses	300.00
Miscellaneous supplies, apparatus, etc	10,212.33
Total	24,701.66

No. 9. Instruments.

Charles F. Marvin, Professor of Meteorology (Washington), in charge.

Testing, comparing, devising, and making the delicate and dependable instruments that are required in practical and scientific meteorological work.

Cost.

Salaries	$21,926.88
Traveling and field expenses	49.50
Miscellaneous supplies and expenses	19,816.45
Total	41,792.83

No. 10. Inspection of Stations.

Norman B. Conger, inspector, Detroit, Mich.; Henry B. Hersey, inspector, Milwaukee, Wis.

Two officials who are charged with the inspection of the personnel, records, and service at the 206 regular stations of the Bureau.

Cost.

Salaries	$4,479.17
Traveling and field expenses	1,678.06
Total	6,157.23

No. 11. Telegraph Service.

Jesse H. Robinson, Chief of Division (Washington), in charge.

The collection and dissemination of observations, reports, forecasts, warnings, etc., including the maintenance and repair of telegraph and cable lines. The Government owns the following telegraph and cable lines, which are maintained for the securing of meteorological observations and in the interest of navigation, including the reporting of wrecks and marine casualties.

From—	Length of cables.	Length of land lines.
	Miles.	*Miles.*
Nantucket to Edgartown, Mass.	24	10
Block Island to Narragansett Pier, R. I.	11	20
Norfolk, Va., to Hatteras, N. C.	6½	163
Key West to Sand Key, Fla.	10	
Alpena to Thunder Bay and Middle Island, Mich.	5½	31
Glen Haven to North and South Manitou Island, Mich.	12½	17½
Charlevoix to Beaver Island, Mich.	35	4
San Francisco to Farallon Island, Cal.	21	58
Fort Stevens, Oreg., to North Head, Wash.	8½	2
Port Crescent to Tatoosh Island, Wash.		64
Total	134	369½

Cost.

Salaries	$17,863.44
Traveling and field expenses	452.66
Miscellaneous supplies and expenses	561.11
Total	18,877.21

No. 12. Records.

Frank H. Bigelow, professor of meteorology (Washington), in charge.

Taking observations, correcting and compiling the meteorological records made by the Bureau at all regular stations.

Cost.

Salaries	$68,107.84
Traveling and field expenses	403.22
Miscellaneous supplies and expenses	18,299.13
Total	86,810.19

No. 13. Buildings.

Edgar B. Calvert, assistant chief Division of Accounts (Washington), in charge.

The construction of observatory buildings which furnish offices, uniform and permanent conditions for accurate observations, and living quarters.

Buildings erected and cost.

Anniston, Ala.	$14,860.44
Birmingham, Ala.	16,178.06
Charles City, Iowa	12,304.99
La Crosse, Wis.	15,642.93
Mount Weather, Va. (2)	21,088.48
Sheridan, Wyo.	13,890.10
Iola, Kans.	12,018.89
Total	105,983.89

BUREAU OF ANIMAL INDUSTRY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Animal Industry, 1907, $84,780."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Melvin, A. D	Chief of Bureau, at $4,500	$4,500.00	$562.49
Jones, E. B	Chief clerk, at $2,000	2,000.00	
Abel, Joseph	Clerk, class 4	1,425.00	157.78
Goodpasture, C. O	do	375.00	63.05
Carroll, Charles C	do	1,800.00	144.55
Chase, James L	do	1,800.00	
Pickens, J. M	Editor, at $2,000	2,000.00	
Fossum, Andrew	Clerk, class 3	440.00	
La Pelle, Zebedee	do	533.34	
Newmyer, E. J	do	1,600.00	
Reynolds, McPherson	do	1,266.67	
Rice, J. A	do	1,600.00	
Roberts, John	do	1,600.00	
Bennett, E. A	Clerk, class 2	291.67	2.80
Cohran, John R	do	466.67	
La Pelle, Zebedee	do	933.33	
Cross, C. H	do	1,400.00	
Edsall, H. M	do	1,400.00	
Hornbaker, J. N	do	1,283.34	
Housman, A. M	do	1,400.00	
Johnston, E. C	do	1,400.00	
Magee, R. W	do	1,263.89	
Moran, Harry E	do	1,283.34	
More, F. C	do	1,217.23	
Myers, Carrie	do	1,400.00	
Price, Harry N	do	140.00	
Reynolds, McPherson	do	291.66	
Rogers, Beatrice O	do	1,287.22	25.94
Allen, Burr	Clerk, class 1	400.00	
Cohran, John R	do	800.00	
Browning, A. J	do	450.00	
Gibbs, B. H	do	596.67	
Dent, Mary T	do	1,140.00	
Dyer, Robert W	do	443.33	
Sartz, Richard S. N	do	350.00	
Fagan, Mary E	do	1,200.00	
Gibbs, Henry C	do	230.00	
Haley, Joseph	do	800.00	
Graves, J. M	do	1,020.00	
Haughton, N. F	do	1,200.00	
Hornbaker, J. N	do	100.00	
Swank, W. R	do	1,100.00	
Mahon, M. H	do	1,200.00	
Pfender, C. A	do	1,200.00	
Reeves, S. R	do	300.00	
Meyst, F. W	do	50.00	
Russell, Geo. H	do	1,200.00	
Allen, Burr	Clerk, at $1,000	666.66	
Walters, Mildred	do	208.34	
Arlitt, John L	do	916.67	
Brown, Grace S	do	888.90	
Coleman, Irving E	do	306.94	
Waring, John H	do	250.00	
Hickey, Edward J	do	916.67	
Swank, W. R	do	83.33	
Meyst, F. W	do	958.33	
Summer, Louis C	do	655.56	
Woodin, G. L	do	183.33	
Tyson, Fanny	do	1,000.00	
Henderson, Alice	Clerk, at $900	900.00	
Hickey, Edward J	do	75.00	
Rapp, Emma V	do	825.00	
Field, Jas. E	Clerk, at $840	140.00	
Rapp, Emma V	do	70.00	
Walters, Mildred E	do	595.00	
Simonton, L. J	do	840.00	
Field, J. E	Clerk, at $720	510.00	
Walters, Mildred E	do	60.00	
Jones, Willie W	do	720.00	30.00
Schwahn, Ella	do	218.00	
Wright, Alice J	do	240.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Animal Industry, 1907, $84,780."—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Johnson, V. E	Clerk, at $600	$598.67	
Patton, H. Maria	do	600.00	
Brez, Colman	Mechanic, at $1,200	1,200.00	
Maloy, Edward J	Messenger and custodian, at $1,000	250.00	$53.14
Stedman, Royal G	do	750.00	
Thompson, R. E. L	Carpenter, at $1,100	1,100.00	62.26
Stedman, Wm. P	Messenger, at $840	840.00	
Nichols, John	Messenger, at $720	720.00	
Perry, Owen R	do	720.00	
Shimoneck, Wm. C	do	720.00	
Stedman, R. G	do	18.00	
Williams, F. S	do	702.00	
Goetz, Lena B	Skilled laborer, at $840	840.00	
Cassell, A. C	Skilled laborer, at $720	360.00	
Hollidge, A. H	do	150.00	
Perry, J. M	do	720.00	
Berlin, S. S	Skilled laborer, at $600	300.00	
Cassell, A. C	do	300.00	
Phillips, Annie E	do	300.00	
Wesley, Charles	do	300.00	
Sheerer, George W	Skilled laborer, at $660	660.00	
Berlin, S. S	Skilled laborer, at $480	240.00	
Phillips, Annie E	do	240.00	
Castleman, S. D	Fireman, at $720	210.00	
Haines, W. S. D	Illustrator, at $1,400	1,400.00	

Total amount of appropriation	$84,780.00
Total amount paid for salaries	76,642.76
Unexpended balance	8,137.24

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Farrington, A. M	Assistant chief of Bureau, at $3,000	$3,000.00	$54.75
Mohler, John R	Chief, pathological division, at $3,000	3,000.00	456.96
Washburn, H. J	Assistant chief, pathological division, at $2,000	2,000.00	130.37
Dorset, Marion	Chief, biochemic division, at $3,000	3,000.00	558.35
Steddom, R. P	Chief, inspection division, at $2,500 and $3,000	2,750.00	508.08
Wooden, Morris	Assistant chief, inspection division, at $2,000	166.66	185.24
Hickman, R. W	Chief, quarantine division, at $2,750	2,750.00	246.71
Ransom, B. H	Chief, zoological division, at $2,000	2,000.00	616.31
Webster, Ed. H	Chief, dairy division, at $2,500	2,500.00	1,300.57
Lane, C. B	Assistant chief, dairy division, at $1,800	1,800.00	669.41
Schroeder, E. C	Superintendent, experiment station, at $2,500	2,500.00	114.48
Rommel, George M	Animal husbandman, at $2,000	2,000.00	741.85
Bell, G. A	Assistant in animal husbandry, at $1,500	1,500.00	1,188.21
Ritzman, E. G	Assistant animal husbandman, at $1,200	1,103.33	
Samson, George R	do	1,153.33	
Emery, James A	Assistant in biochemic division, at $2,000	2,000.00	215.48
Kerr, Robert H	Assistant in biochemic division, at $1,200	600.00	129.50
West, Albert M	Assistant in biochemic division, at $1,200 and $1,400.	725.00	
Bolton, B. M	Assistant bacteriologist, at $2,000	2,000.00	95.46
Rogers, L. A	Bacteriological chemist, at $1,600	400.00	305.52
Flocken, C. F	Assistant bacteriologist, at $1,400	128.33	71.12
Morse, Geo. B	Assistant in pathological division, at $1,800	1,800.00	
Hart, George H	Assistant in pathological division, at $1,600	1,600.00	11.87

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Buckley, John S	Assistant pathologist, at $1,800	$1,800.00	$193.67
Brown, E. W	Assistant physiologist, at $1,400	1,400.00	351.67
Hassall, Albert	Assistant in zoological division, at $1,800	1,800.00	.....
Cotton, W. E	Expert assistant, at $1,800	1,860.00	.....
Formad, R. J	Expert laboratory assistant, at $1,600	1,248.89	420.85
Brett, G. W	Assistant, at $1,200	1,200.00	.....
Cave, Roy A	Herdbook assistant, at $1,200	550.00	38.48
Slocum, Rob. R	Poultry assistant, at $1,200	1,150.00	362.25
Gray, C. E	Assistant dairyman, at $2,000	500.00	694.58
White, B. D	Expert in dairy division, at $2,000	500.00	959.66
Santee, E. M	Expert in dairy division, at $1,600	1,262.22	1,004.76
Weld, Ivan C	Assistant dairyman, at $1,600	871.11	333.16
Whitaker, Geo. M	Dairy inspector, at $1,600	400.00	683.22
Latimer, W. J	Expert in dairy division, at $75 per month	322.50	12.50
White, G. Franklin	Expert, at $1,200	600.00	107.45
Ramsay, R. A	Veterinary inspector, at $2,000 and $2,500, and associate chief of division, at $2,500.	202.78	1,319.01
Eichorn, Adolph	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,579.17	364.25
Pitney, Albert L	Special agent, at $1,800	1,545.00	.....
McBryde, C. N	Scientific assistant, at $1,800	1,800.00	541.06
Price, T. M	....do	1,800.00	201.53
Dexter, Wm. Hart	Scientific assistant, at $1,400	1,400.00	302.74
Stuart, Duncan	Scientific assistant, at $1,200 and $1,400	516.66	640.26
Tilley, Frank W	Scientific assistant, at $1,200	53.33	.....
Davies, L. R	Scientific assistant, at $1,000	250.00	451.05
Graybill, H. W	Scientific assistant, at $1,000 and $1,200	975.00	233.64
Hall, Maurice C	Scientific assistant, at $1,000	30.56	.....
Stevenson, E. C	Scientific assistant, at $1,000 and $1,200	902.78	155.70
Raub, Ruth D	Scientific assistant, at $840 and $1,000	585.01	.....
Rector, F. L	Scientific assistant, at $840	536.67	.....
Riley, Edward H	....do	840.00	138.39
Swanger, Chas. H	Scientific assistant, at $840 and $1,200	459.00	549.66
Shore, H. J	Laboratory assistant, at $1,000; scientific assistant, at $1,400.	1,033.33	.....
McAuley, H. S	Laboratory helper, at $720	720.00	.....
Timberlake, T. O	Laboratory helper, at $540	165.00	68.50
Davis, B. J	Laboratory helper, at $480 and $540	334.67	68.45
Ingersoll, E. H	Laboratory helper, at $480 and $600	410.00	.....
Brereton, Louise	Assistant microscopist, at $600	600.00	.....
Parks, G. H	Architect, at $1,800	1,800.00	754.72
Burgess, J. Ross	Architect, at $1,400	70.00	.....
Parks, Karl E	....do	466.67	.....
Lockie, J. A	Architect and draftsman, at $1,000	249.99	.....
Bell, Mary E	Clerk, at $1,000	500.00	.....
Pirtle, T. R	....do	766.67	.....
Curtis, Maury	Clerk, at $900	447.50	.....
Gibbs, Henry	Clerk, at $900	450.00	.....
Sehorn, Victor H	Clerk, at $900, and clerk, stenographer, and typewriter, at $1,000.	775.00	.....
Chapman, Leola E	Clerk, at $840	420.00	.....
Gardner, Edith F	Clerk, at $840 and $900	650.67	.....
Lambert, May A	Clerk, at $840	420.00	.....
Langille, L. A	....do	420.00	.....
McFarland, Hattie B	....do	420.00	.....
Scheele, Mabel A	....do	420.00	.....
Sherman, Caroline B	....do	280.00	.....
Temple, Susan B	....do	361.67	.....
Yates, Nellie	....do	420.00	.....
Harbaugh, Kate L	Clerk, at $600	25.00	.....
Phillips, Ella M	....do	50.00	.....
Stamper, W. S	Laboratory clerk, at $1,200	1,200.00	.....
Duvall, Louise	Library clerk, at $900	360.00	.....
Stein, S. B	Clerk, stenographer, and typewriter, at $1,000	41.67	.....
Baldwin, Henry B	Clerk, stenographer, and typewriter, at $900	7.50	.....
Waters, Joseph H	....do	35.00	.....
Troupe, Jo	Clerk, stenographer, and typewriter, at $840	81.66	.....
Wood, Elizabeth J	Clerk, stenographer, and typewriter, at $480 and $840.	707.33	.....
Fogarty, John P	Clerk-typewriter, at $840	79.33	.....
Linton, Hunter B	Clerk-typewriter, at $720 and $900	831.50	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Richardson, C. L.	Carpenter, at $4 per diem.	$58.00	
Spalding, A. C.	do	60.00	
Cookman, Chas. L.	Carpenter, at $3.50 per diem	731.50	
Forrest, Leon D.	do	5.25	
Golladay, L. C.	Carpenter, at $3.50 and $4 per diem.	544.75	
Herbert, G. F.	do	169.50	
Robinson, W. P.	Carpenter, at $3.50 per diem	3.50	
Sands, John K.	Plumber, at $4 per diem	392.00	
Cratty, James A.	do	100.00	
Kesler, Wm. T.	Cabinetmaker, at $3.50 per diem and $1,000	594.84	
Neilson, C. W. C.	Cabinetmaker, at $3.50 per diem	31.50	
Carter, Alonzo	Painter, at $3.50 per diem	227.50	
Smith, Andrew J.	do	59.50	
Wood, Henry S.	do	105.00	
Fenton, Lee.	Electric wireman, at $3 per diem	177.00	
Trice, T.	Skilled laborer, at $840	840.00	
Poore, W. R.	Skilled laborer, at $65 per month	780.00	
McCallion, Chas.	Skilled laborer, at $720	334.00	
Andrews, Albert A.	Skilled laborer, at $600	100.00	
Moxley, J. A.	Laborer, at $60 per month, and skilled laborer, at $840.	750.00	
Seek, R. E.	Laborer, at $60 per month, and skilled laborer at $840	750.00	
Shipley, J. W.	Laborer, at $60 per month	84.00	
Stadtler, G. M.	Laborer, at $55 and $60 per month	690.00	
Alexander, Wm.	Laborer, at $50 per month	600.00	
Caywood, E. V.	do	600.00	
Gingell, C. E.	do	600.00	
Henderson, H.	Laborer, at $600	600.00	
Voigt, A.	Laborer, at $50 per month	450.00	
Richards, J.	Laborer, at $500	354.16	
Coleman, G. F.	Laborer, at $45 per month	540.00	
Darr, Henry	do	540.00	
Mathews, F.	Laborer, at $45 and $50 per month	570.00	
Holmes, A.	Laborer, at $40 per month	480.00	
Lancaster, F.	do	480.00	
Samuel, J.	Laborer, at $40 and $45 per month	510.00	
Woodland, Robert	Laborer, at $40 per month	93.33	
Leftwich, J.	Laborer, at $35 and $40 per month	450.00	
Clipper, Cleave	Laborer, at $30 per month	277.00	
Clipper, Will.	do	201.00	
Drummonds, W. H.	Laborer, at $30 and $35 per month	390.00	
Gingell, W. E.	Laborer, at $30 per month	173.00	
Houser, Lester	Laborer, at $30 and $35 per month	263.17	
Pugh, J. R.	Laborer, at $30 per month	67.00	
White, G.	do	300.00	
Delaney, John	Unskilled laborer, at $50 per month	470.00	
Epps, Richard	do	471.67	
Fox, C. W.	Unskilled laborer, at $480	22.67	
Gill, C. T.	Unskilled laborer, at $40 per month	480.00	
Harris, Alice V.	Unskilled laborer, at $480	28.00	
Harris, Peter	do	13.33	
Hughes, M. L.	Unskilled laborer, at $40 per month	480.00	
Lane, Clarence	Unskilled laborer, at $480	5.33	
Mason, Sam	do	18.67	
Talbot, Jennie	Unskilled laborer, at $40 per month	10.66	
Willis, C. P.	Unskilled laborer, at $480	292.00	
Wilson, Cornelius	do	22.67	
Brooks, William	Unskilled laborer, at $360	104.00	
Crist, Frank	do	82.00	
Keene, George W.	do	80.00	
Pugh, Andrew D.	do	89.00	
Bailey, Helen	Unskilled laborer, at $20 per month	4.67	
Douglas, Laura	do	18.01	
Simms, Isabella	do	21.33	
Castleman, S. D.	Fireman, at $840	595.00	
Pugh, W. T.	Watchman, at $60 per month.	720.00	
Myers, H. B.	do	720.00	
Reamy, Thomas B.	Messenger, at $840	840.00	
Voigt, F.	Messenger, at $65 per month	780.00	
Fletcher, A. E.	Messenger, at $360	103.00	
Griffith, O. L.	do	263.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
McCormick, J. D	Messenger, at $30 per month	$20.00	
Mann, E. L	Messenger, at $30 per month and $480	450.00	
Moore, Lawrence W	Messenger, at $360	178.00	
Bailey, Alice T	Charwoman, at $480	40.00	
De Atley, Alice V	do	480.00	
Fleming, Elizabeth	Charwoman, at $40 per month	49.33	
Franklin, Julia R	Charwoman, at $480	40.00	
Jones, Jennie	do	480.00	
O'Rourke, Estelle L	do	440.00	
Ridley, Cora M	do	78.67	
Sullivan, Maggie E	Charwoman, at $480, and laborer, at $600	565.00	
Douglas, Louise	Charwoman, at $240	44.67	
Winfield, Fannie E	do	150.00	
Total		111,460.67	
Out of Washington.			
Wray, W. H	Veterinary inspector, at $12.50 per diem	387.50	$517.20
Cowie, Charles	Veterinary inspector, at $8 diem and $1,800	1,264.00	172.04
Russell, F. L	Veterinary inspector, at $8 per diem	792.00	382.15
Corlis, W. S	Veterinary inspector, at $5 per diem	200.00	57.90
Cumming, D	do	820.00	
Deadman, John F	Veterinary inspector, at $3 per diem	63.00	
Potter, H. T	Veterinary inspector, at $3 and $5 per diem	278.00	48.24
Geddes, Toole A	Veterinary inspector, at $2,000 and $2,500	1,208.33	1,038.85
Ramsay, Robert A	Veterinary inspector, at $2,000	1,833.32	
Andress, Wm. R	Veterinary inspector, at $1,800	210.00	143.79
Everly, O. W	do	450.00	588.62
Price, John O. F	do	375.00	151.64
Allen, Leslie J	Veterinary inspector, at $1,600	133.33	451.02
Bray, Thomas A	Veterinary inspector, at $1,600 and $1,800	1,700.00	269.05
Clarke, Lowell	Veterinary inspector, at $1,600, $2,000, and $2,250	2,008.33	998.82
Coleman, Arthur T	Veterinary inspector, at $1,600 and $1,800	408.88	154.96
Davidson, F. T	Veterinary inspector, at $1,600 and $2,000	1,896.67	1,212.92
Henderson, Edwin P	Veterinary inspector, at $1,600	400.00	726.95
Holcombe, A. A	Veterinary inspector, at $1,600 and $1,800	1,650.00	305.10
Metsker, Louis	do	638.33	176.32
Niles, W. B	do	1,716.66	112.65
Payne, Albert J	Veterinary inspector, at $1,600	133.33	742.68
Thompson, Wm	do	400.00	630.22
Treacy, R. H	Veterinary inspector, at $1,600, $1,800, and $2,000	1,816.67	1,475.71
Turner, Thomas J	Veterinary inspector, at $1,600 and $1,800	1,400.00	216.28
Weihe, Walter E	do	371.11	276.24
Wiley, Morris C	do	685.56	331.05
Zink, Chas. H	do	1,700.00	473.10
Adair, H. B	Veterinary inspector, at $1,500, $1,600, and $1,800	1,675.00	
Ball, Harry M	Veterinary inspector, at $1,500	733.33	220.95
Barth, W. C	Veterinary inspector, at $1,500, $1,600, and $1,800	1,675.00	976.86
Batchelder, H. M	do	1,629.17	542.38
Beechy, Levi P	Veterinary inspector, at $1,500 and $1,600	775.00	168.55
Blanche, Richard J	Veterinary inspector, at $1,500, $1,600, and $1,800	1,625.00	295.77
Bond, G. A	Veterinary inspector, at $1,500 and $1,600	721.66	351.95
Canfield, Chas. H	Veterinary inspector, at $1,500, $1,600, and $1,800	1,570.83	119.31
Clawson, Clarence A	do	1,066.67	424.88
Cosford, S. E	do	1,675.00	415.19
Day, W. E	Veterinary inspector, at $1,500	691.67	518.50
Deming, Chas. W	do	625.00	407.23
Drake, Roy N	Veterinary inspector, at $1,500, $1,600, and $1,800	1,625.00	567.10
Eells, Frank C	Veterinary inspector, at $1,500	379.17	130.80
Fish, J. G	Veterinary inspector, at $1,500, $1,600, and $1,800	1,675.00	737.38
Fleming, Wm. R	do	1,228.61	521.00
Fretz, Warren J	do	949.44	948.26
Hammond, H. J	do	1,625.00	618.02
Hanawalt, D. C	Veterinary inspector, at $1,500	175.00	853.08
Hancock, Henry J	do	325.00	133.90
Hicks, H. H	Veterinary inspector, at $1,500, $1,600, and $1,800	1,616.67	1,047.60
Hopkins, F. W	Veterinary inspector, at $1,500	208.33	259.75
Hutchinson, E. N	Veterinary inspector, at $1,500, $1,600, and $1,800	1,675.00	775.92
Imes, Marion	Veterinary inspector, at $1,500, $1,800, and $2,000	1,645.84	785.94
Irwin, Albert N	Veterinary inspector at $1,500 and $1,800	1,262.50	399.74

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907 $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Jacobs, J. Otis	Veterinary inspector, at $1,500 and $1,600	$1,121.66	$478.18
Kershner, Peter I.	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,675.00	452.69
Kiernan, J. A.	Veterinary inspector, at $1,500, $1,600, $1,800, and $2,000.	1,191.68	1,450.89
Lantz, Matthias S.	Veterinary inspector, at $1,500	250.00	375.23
Lawton, Russell G.	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,491.66	810.61
Murray, F. E.	....do	956.94	801.07
O'Rourke, Isaac W.	Veterinary inspector, at $1,500	237.50	61.10
Parker, Joseph W.	....do	125.00	717.15
Savage, W. A.	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,625.00	624.96
Siggins, E. L.	....do	1,675.00	495.05
Smith, Nathaniel B.	Veterinary inspector, at $1,500 and $1,600	1,054.99	312.10
Totten, Geo. E.	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,629.17	735.27
Townsend, N. L.	Veterinary inspector, at $1,500 and $1,600	258.33	196.72
White, Thomas	Veterinary inspector, at $1,500	625.00	402.96
Bailey, Alfred L.	Veterinary inspector, at $1,400	657.23	259.85
Beattie, Joseph G.	....do	342.22	127.65
Behler, C. R.	Veterinary inspector at $1,400 and $1,600.	1,450.00	519.20
Berdan, Augustus	Veterinary inspector, at $1,400	233.34	184.00
Blackwell, Albert M.	Veterinary inspector, at $1,400 and $1,800	1,500.00	534.67
Bracken, Wm. J.	Veterinary inspector, at $1,400 and $1,600	1,450.00	407.25
Brewer, Frank W.	Veterinary inspector, at $1,400 and $1,800	1,500.00	470.48
Browning, Geo. W.	Veterinary inspector, at $1,400, $1,500, $1,600, and $1,800.	1,575.00	456.92
Burgett, John L.	Veterinary inspector, at $1,400 and $1,800	1,208.34	594.01
Butler, Wm. J.	Veterinary inspector, at $1,400 and $1,600	1,399.45	779.40
Campbell, Larkin S.	....do	1,450.00	425.75
Cary, Emerson J.	Veterinary inspector, at $1,400, $1,600, and $1,800.	1,600.00	843.76
Cater, Fred C.	Veterinary inspector, at $1,400	268.34	80.21
Coffy, Joseph P.	....do	291.67	180.38
Cohenour, Howard H.	Veterinary inspector, at $1,400 and $1,800	1,492.22	710.35
Cole, Guy T.	Veterinary inspector, at $1,400	350.00	144.52
Crewe, Wilton F.	Veterinary inspector, at $1,400 and $1,800	1,200.00	644.35
Eagle, Thos. J.	Veterinary inspector, at $1,400	540.55	203.64
Echols, Bryon C.	....do	256.67	179.35
Evans, Fred	Veterinary inspector, at $1,400 and $1,800	1,500.00	353.24
Flaherty, Geo. F.	Veterinary inspector, at $1,400.	233.34	108.84
Gallagher, B. A.	Veterinary inspector, at $1,400 and $1,800.	508.34	725.20
Gallagher, F. L.	Veterinary inspector, at $1,400.	159.45	152.96
Glynn, Frank J.	Veterinary inspector, at $1,400 and $1,600.	1,364.44	587.77
Graham, Ralph	....do	1,158.34	368.96
Hamilton, Wm.	....do	1,450.00	386.75
Heacock, Clyde C.	....do	1,450.00	535.50
Henderson, L. C.	....do	1,450.00	155.78
Hiatt, William L.	Veterinary inspector, at $1,400	85.56	337.04
Hills, John V.	....do	256.67	229.13
Hougendobler, J. J.	Veterinary inspector, at $1,400 and $1,800	1,500.00	700.52
Hoyman, Harry J.	Veterinary inspector, at $1,400 and $1,600	1,450.00	338.51
Hurst, Wilbur H.	Veterinary inspector at $1,400 and $1,800	1,500.00	506.92
Johnson, Western L.	....do	1,500.09	860.97
Jones, Wm. F.	....do	1,500.00	563.45
McCall, Charles A.	....do	1,500.00	143.90
McCarthy, Thos. A.	Veterinary inspector, at $1,400	233.34	181.70
McClure, S. W.	Veterinary inspector, at $1,400, $1,600, and $1,800.	1,550.00	962.53
McFarland, Claude M.	Veterinary inspector, at $1,400	116.66	519.90
MacKellar, Wm. M.	....do	58.33	721.03
McNally, Henry R.	Veterinary inspector, at $1,400 and $1,800	1,500.00	190.29
Mahoney, Alfred J.	Veterinary inspector, at $1,400	116.67	.....
Marshall, Henry	Veterinary inspector, at $1,400 and $1,600	317.22	389.15
Mason, W. D.	Veterinary inspector, at $1,400	268.33	232.79
Miller, Arthur W.	Veterinary inspector, at $1,400 and $1,800	1,500.00	428.30
Myers, Murray J.	....do	881.67	753.75
Nighbert, E. M.	....do	566.66	561.85
Norgaard, Victor A.	Veterinary inspector, at $1,400	1,400.00	.....
Noyes, Orrin W.	Veterinary inspector, at $1,400 and $1,600	1,450.00	726.94
Nutting, L. A.	Veterinary inspector, at $1,400 and $1,800	1,500.00	966.10
O'Connor, John P.	Veterinary inspector, at $1,400 and $1,600	1,450.00	817.25
Oldaker, Emery E.	Veterinary inspector, at $1,400	159.45	124.60
Peabody, Horace C.	....do	27.23	48.45

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Pearson, Charles	Veterinary inspector, at $1,400, $1,600, and $1,800.	$1,458.88	$281.65
Perry, F. M	Veterinary inspector, at $1,400, $1,500, and $1,800.	1,338.34	212.10
Pfaffman, Geo. A	Veterinary inspector, at $1,400	268.33	96.15
Potter, Geo. M	do	342.22	170.89
Proper, L. J	do	101.11	100.05
Rich, Theodore S	do	466.66	151.95
Robbins, Hartwell	do	342.22	230.96
Ruth, Adolph	do	350.00	47.45
Schumacher, Wilhelm	Veterinary inspector, at $1,400, $1,600, and $1,800.	1,481.11	713.45
Scott, Preston B	Veterinary inspector, at $1,400	128.34	97.45
Simpson, John M	Veterinary inspector, at $1,400 and $1,800	1,500.00	432.63
Songer, Lee C	Veterinary inspector, at $1,400 and $1,600	1,450.00	992.53
Stauffer, J. A	Veterinary inspector, at $1,400 and $1,800	1,500.00	810.15
Stout, Edgar N	do	1,500.00	434.20
Teeple, Geo. R	Veterinary inspector, at $1,400	175.00	35.80
Ward, G. W	Veterinary inspector, at $1,400 and $1,800	1,600.00	101.84
Yager, E. P	Veterinary inspector, at $1,400	159.45	152.75
Young, John M	Veterinary inspector, at $1,400 and $1,600	1,450.00	394.45
Allen, Rollin M	Veterinary inspector, at $1,200 and $1,400	1,250.00	648.67
Anders, Thos. O	do	1,140.00	343.81
Anglicker, Jacob	Veterinary inspector, at $1,200	83.33	261.75
Babson, S. C	do	363.33	110.90
Barr, Edwin E	do	250.00	92.35
Baumann, Ernest H	Veterinary inspector, at $1,200 and $1,600	398.89	
Beattie, Robert S	Veterinary inspector, at $1,200	300.00	368.65
Boazman, James B	do	166.67	305.43
Brimhall, S. D	Veterinary inspector at $1,200 and $1,400	1,275.00	361.00
Buffington, R. M	do	890.00	405.84
Bundy, Edward A	Veterinary inspector, at $1,200	300.00	526.00
Butler, J. S	do	250.00	216.45
Cady, Bert J	Veterinary inspector, at $1,200, $1,400, and $1,600	1,325.00	750.15
Caldwell, Harry	Veterinary inspector, at $1,200 and $1,400	400.00	804.45
Carle, Edward C	Veterinary inspector, at $1,200	400.00	
Casper, Geo. T	Veterinary inspector, at $1,200 and $1,400	1,275.00	608.35
Cock, James H	Veterinary inspector, at $1,200	246.67	14.30
Conley, Chas. C	Veterinary inspector, at $1,200 and $1,400	816.67	294.05
Cracroft, T. Byron	do	586.67	204.75
Cummins, Wm. M	Veterinary inspector, at $1,200	600.00	116.00
Dallas, John T	Veterinary inspector, at $1,200 and $1,400	1,123.33	40.65
Davidson, Wm. A	Veterinary inspector, at $1,200	200.00	68.59
Dennis, Vernon A	do	73.33	399.16
Dill, Robert	Veterinary inspector, at $1,200, $1,400, and $1,600	1,391.67	866.65
Drake, Edward J	Veterinary inspector, at $1,200	526.66	348.85
Drummond, Robt. H	do	576.67	388.93
Dumbauld, Harry	Veterinary inspector, at $1,200 and $1,400	800.00	358.98
Elwell, Fred N	Veterinary inspector, at $1,200, $1,400, and $1,600	1,325.00	652.09
Exline, James C	Veterinary inspector, at $1,200 and $1,400	1,358.33	786.08
Fish, Wesley F	Veterinary inspector, at $1,200	366.67	521.21
Foster, J. P	do	400.00	297.85
Fry, Wm. A	do	200.00	579.83
Gallagher, John J	Veterinary inspector, at $1,200, $1,400, and $1,600	1,433.34	1,208.37
Gilbert, Niron O	Veterinary inspector, at $1,200	146.67	124.55
Glenn, Harry H	Veterinary inspector, at $1,200 and $1,400	450.00	123.05
Graham, Ralph	Veterinary inspector, at $1,200	600.00	519.65
Grimes, Robt. B	Veterinary inspector, at $1,200 and $1,400	916.67	258.05
Gross, Wm. F	do	1,220.00	559.20
Harmon, Arthur A	Veterinary inspector, at $1,200, $1,400, and $1,600	1,433.34	742.55
Harrington, D. W	Veterinary inspector, at $1,200	190.00	
Hart, Harry M	Veterinary inspector, at $1,200 and $1,400	1,140.00	572.02
Hood, H. B	Veterinary inspector, at $1,200	190.00	682.95
Hughes, Albert N	do	783.33	41.50
Johnson, Fred E	Veterinary inspector, at $1,200, $1,400, and $1,600	1,408.33	748.09
Johnson, Levi E	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,416.67	296.20
Jones, Robert W	Veterinary inspector, at $1,200	250.00	118.25
Lamb, Morgan B	do	163.33	13.65
Lash, Elmer	Veterinary inspector, at $1,200 and $1,400	193.34	73.90

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Lauman, Fred J	Veterinary inspector, at $1,200	$250.00	$82.96
Lipp, Geo. A	Veterinary inspector, at $1,200 and $1,400	1,341.67	242.45
Lowe, John H	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,483.34	615.25
Lull, Elmer E	Veterinary inspector, at $1,200	250.00	225.00
Lytle, Wm. H	Veterinary inspector, at $1,200 and $1,400	950.00	487.35
McClure, Will E	Veterinary inspector, at $1,200	560.00	142.91
McGinnis, R. W	Veterinary inspector, at $1,200 and $1,400	1,145.00	321.96
Martin, Robt. M	Veterinary inspector, at $1,200	146.67	66.96
Mauldin, C. E	do	660.00	417.72
Mayer, Oliver C	do	46.67	17.45
Mayne, H. D	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,550.00	279.85
Morin, C. L	Veterinary inspector, at $1,200	1,200.00	152.55
Myers, Willis A	Veterinary inspector, at $1,200 and $1,400	400.00	680.44
Nance, Joseph E	Veterinary inspector, at $1,200	183.33	73.52
Naylor, Ralph E	Veterinary inspector, at $1,200 and $1,400	200.00	86.25
Ney, Wm. O	Veterinary inspector, at $1,200	200.00	61.90
Noyes, Ralph E	Veterinary inspector, at $1,200 and $1,400	253.34	175.85
Olbeter, Rudolph M	Veterinary inspector, at $1,200	300.00	309.95
Owen, F. D	Veterinary inspector, at $1,200 and $1,400	441.66	165.92
Paxton, I. B	do	973.33	787.52
Peck, Scott W	Veterinary inspector, at $1,200	1,170.00	770.00
Petty, John W	do	100.00	33.65
Philpott, L. B	do	240.00	145.25
Pinkerton, H. E	Veterinary inspector, at $1,200 and $1,400	1,250.00	590.06
Ragland, Marcus J	do	1,275.00	363.61
Rietz, John H	do	943.33	482.45
Rigdon, Frank	do	1,016.67	477.59
Rigdon, Scott J	do	400.00	136.44
Robards, Jesse	do	1,000.00	465.96
Rodibaugh, S. J	do	134.99	137.99
Royce, J. A	Veterinary inspector, at $1,200	120.00	117.55
Schneider, F. L	Veterinary inspector, at $1,200 and $1,400	1,125.00	887.40
Silverwood, Herbert	Veterinary inspector, at $1,200	276.67	214.45
Singleton, Henry	do	500.00	88.55
Skinner, Wm. A	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,400.00	810.45
Smith, S. M	Veterinary inspector, at $1,200	1,000.00	622.38
Snyder, Rudolph	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,325.00	666.82
Spencer, Wm. T	Veterinary inspector, at $1,200 and $1,400	293.34	218.80
Steele, Joseph G	do	430.00	142.04
Talbot, Seth P	do	1,150.00	410.70
Thomas, George E	do	1,050.00	621.42
Thrower, John D	Veterinary inspector, at $1,200	200.00	
Tiffany, John B	Veterinary inspector, at $1,200 and $1,400	108.89	47.70
Traum, Jacob	do	1,275.00	755.19
Treloar, Delbert C	Veterinary inspector, at $1,200	296.67	269.25
Van Allstyne, Wm. C	do	546.67	375.20
Warner, Dick E	Veterinary inspector, at $1,200 and $1,400	840.00	509.83
Webster, John Henry	Veterinary inspector, at $1,200	210.00	
Will, Evan J	do	283.33	231.28
Woollen, D. M	do	400.00	470.15
Yard, William W	do	956.67	170.07
Yenner, William	Veterinary inspector, at $1,200 and $1,400	1,266.67	118.83
Gray, C. E	Expert in dairying, at $2,000, and assistant dairyman, at $2,000.	1,500.00	
White, B. D	Expert in dairying, at $2,000	1,416.67	
Smarzo, W. S	Expert in dairying, at $1,800, assistant dairyman, at $1,800, and expert, at $10 per diem.	1,420.00	274.55
Credicott, H. J	Expert in dairying, at $1,600	1,582.23	329.38
Doane, C. F	do	1,600.00	615.38
Rawl, B. H	do	133.33	1,958.88
Willis, Samuel B	Expert in dairying, at $5 per diem	110.00	
Sammis, John L	Expert in dairying, at $1,200	1,200.00	68.98
Moore, J. W	Expert in dairying, at $1,000	750.01	131.30
Thomson, F. R	Expert in dairying, at $720	60.00	
Lang, M. W	Dairy inspector, at $2,000	2,000.00	1,275.51
Wells, Levi	Dairy inspector, at $1,800	1,800.00	1,500.92
Whitaker, Geo. M	Dairy inspector, at $1,600	1,200.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
McAdam, Robert	Dairy inspector, at $1,500	$1,500.00	$1,868.09
McDonald, E. A	....do	1,500.00	1,696.02
Weld, I. C	Assistant dairyman, at $1,600	266.67	
Shaw, Roscoe H	Dairy expert, at $1,800	1,800.00	24.65
Barrett, Joseph H	Dairy expert, at $5 per diem	5.00	
Kieffer, P. H	Dairy expert, at $1 per diem, and expert, at $10 per diem.	33.00	41.72
Thom, Charles	Cheese expert, at $1,500, and assistant dairyman, at $1,500.	1,500.00	115.06
Dox, Arthur W	Cheese expert, at $900, $1,000, and $1,200	1,154.17	371.47
Issajeff, Theo W	Expert cheese maker, at $75 per month and $1,000.	995.84	86.26
Rogers, L. A	Bacteriological chemist, at $1,600	1,200.00	
Douglas, A. H	Assistant chemist, at $720	32.00	
Cheney, L. S	Botanical expert, at $4 per diem	104.00	32.87
Fryhoier, C. W	Scientific assistant, at $900 and $1,200	937.50	466.95
Perkins, Albert E	Scientific assistant, at $900	447.50	
Davies, L. R	Scientific assistant, at $840 and $1,000	710.00	
Wilson, James	Scientific assistant, at $840	21.00	
Shaw, E. L	Assistant in animal husbandry, at $1,800	35.00	19.77
Dean, Albert	Live stock agent, at $1,800 and $2,000	1,833.34	368.41
Hickox, Geo. S	Live stock agent, at $1,600 and $1,800	1,783.33	405.52
McCunningham, Dan	Live stock agent, at $1,400	350.00	494.51
Bruser, Joseph	Live stock agent, at $1,200	1,200.00	
Hill, W. E	....do	116.67	
Jordan, Wm. D	....do	150.00	388.95
Moser, Geo. C	Live stock agent, at $1,200 and $1,400	1,241.67	328.81
Stine, B. L	Live stock agent, at $1,200	1,200.00	92.77
Burch, S. Royden	Special agent, at $1,000	888.89	370.50
Pope, Geo. W	Superintendent of station, at $1,600 and $1,800	1,633.33	585.58
Wade, Wm. H	Superintendent of station, at $900	900.00	
Coyle, Thomas	Vessel inspector, at $1,400 and $1,500	1,441.67	55.75
Carter, George	Vessel inspector, at $1,200	1,200.00	
Flannery, James	....do	1,200.00	
Johnston, Robert	Collaborator, at $10 per diem	35.00	
White, C. A	Collaborator, at $7 per diem	28.00	
Campbell, Colin	Special field stock examiner, at $1,000	833.33	399.50
Dunn, R. H	....do	83.33	
Armstrong, Harry E	Field stock examiner, at $1,000	1,000.00	611.05
Brown, Chas. A	Field stock examiner, at $1,000 and $1,200	1,100.00	584.91
Campbell, Chas. E	Field stock examiner, at $1,000	555.56	284.97
Cooley, F. C	....do	424.99	221.00
Dennis, Wm. R	....do	333.33	46.25
Drake, W. H	....do	241.67	77.20
Durham, Leon	....do	1,000.00	436.15
Gillett, S. D	....do	1,000.00	731.05
Hascall, Morris T	....do	1,000.00	559.82
Hodges, David R	Field stock examiner, at $1,000, and clerk, at $1,200.	1,183.33	11.25
Jackson, R. E. L	Field stock examiner, at $1,000 and $1,200	1,100.00	457.28
Lowry, Thomas J	....do	1,100.00	954.55
McCoul, Joseph E	Field stock examiner, at $1,000	313.89	88.10
McDonald, Harry L	Field stock examiner, at $1,000 and $1,200	1,100.00	592.60
Merrill, Jay	Field stock examiner, at $1,000, and stock examiner, at $1,200.	1,100.00	871.84
O'Neil, Ernest R	Field stock examiner, at $1,000	1,000.00	756.49
Pettey, F. O	....do	461.10	
Proudfoot, Wm	Field stock examiner, at $1,000, and stock examiner, at $1,200.	1,100.00	1,279.24
Rea, Thomas B	Field stock examiner, at $1,000	930.56	910.66
Redmond, Thos	Field stock examiner, at $1,000, and clerk, at $1,200.	1,111.66	152.80
Richards, Isaiah	Field stock examiner, at $1,000	347.22	198.00
Roberts, Herbert	....do	297.22	44.20
Robinson, Chas. H	....do	1,000.00	664.40
Robinson, Geo. H	Field stock examiner, at $1,000 and $1,200	1,050.00	1,264.44
Rork, Charles F	Field stock examiner, at $1,000	1,000.00	969.45
Sargent, Linus E	....do	1,000.00	514.31
Schafer, Cecil K	....do	972.22	753.16
Speake, Edward O	....do	1,000.00	525.43
Upton, Wallace L	....do	999.99	1,198.40

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Bibb, A. G	Stock examiner, at $1,200	$276.67	$236.70
Morgan, Porter	do	200.00	1.40
Shale, Solomon C	Stock examiner, at $1,000	416.67	
Best, George	Stock examiner, at $900 and $1,000	249.44	205.10
Biggs, Anson W	do	914.17	
Blackmar, C. E	Stock examiner, at $900 and $1,200	1,050.00	49.25
Broadhurst, R. A	Stock examiner, at $900; field stock examiner, at $1,000, and stock examiner, at $1,200.	1,091.67	623.23
Bruton, A. R	Stock examiner, at $900 and $1,200	1,050.00	
Cannon, Earl C	Stock examiner, at $900 and $1,000	819.44	
Crandall, W. W	do	950.00	74.58
Ewing, Frank A	Stock examiner, at $900 and $1,200	550.00	
Flynn, Wm. T	do	1,050.00	
Gill, Edgar	Stock examiner, at $900 and $1,000	950.00	3.45
Hanton, G. T	Stock examiner, at $900 and $1,200	1,050.00	
Haskett, Bert	Stock examiner, at $900 and field stock examiner, at $1,000.	954.17	553.20
Holland, Jeremiah	Stock examiner, at $900 and $1,000	950.00	
Honan, Wm. C	Stock examiner, at $900	42.50	
Kochanowski, R	Stock examiner, at $900 and $1,200	1,050.00	
Lawson, James M	Stock examiner, at $900, and field stock examiner, at $1,000.	991.67	1,060.20
Lint, Henry M	Stock examiner, at $900	672.50	
McGuire, Wm. R	Stock examiner, at $900 and $1,000	950.00	
Markert, Geo	Stock examiner, at $900 and $1,200	1,050.00	560.85
Morrissey, Leo. W	Stock examiner, at $900, field stock examiner, at $1,000, and clerk, at $1,200.	1,016.67	486.55
Mowrer, Wm. E	Stock examiner, at $900, $1,000, and $1,200	878.33	
Nelson, Jean I	Stock examiner, at $900, and field stock examiner, at $1,000.	904.17	573.70
Persells, Herman V	Stock examiner, at $900 and $1,000	533.33	
Pidcock, W. S	Stock examiner, at $900 and $1,200	1,050.00	
Quirk, Michael J	Stock examiner, at $900, and field stock examiner, at $1,000.	408.35	
Saunders, Wm. H	Stock examiner, at $900	242.50	308.05
Sawtell, Joseph E	Stock examiner, at $900 and $1,000	950.00	
Schiermann, John F	Stock examiner, at $900 and $1,200	1,050.00	
Shannon, John D	Stock examiner, at $900 and $1,000	950.00	
Shepherd, R. C	Stock examiner, at $900	260.00	148.55
Smith, Edward M	Stock examiner, at $900 and $1,000	950.00	138.60
Spindler, Edwin S	Stock examiner, at $900, and field stock examiner, at $1,000 and $1,200.	999.45	736.05
Wagner, A. E	Stock examiner, at $900 and $1,200	1,050.00	48.60
Creech, Gilbert T	Tagger, at $840, and stock examiner, at $900	845.00	356.20
De Laney, John V	Tagger, at $840	840.00	649.20
Gilmore, Elias	Tagger, at $840 and $900	870.00	8.62
Herbert, Clay M	Tagger, at $840, and clerk, at $1,000	953.33	62.10
Hinkson, Ransom	Tagger, at $840 and $900	870.00	
Newman, Robert R	Tagger, at $840	389.66	629.05
Archer, Rollie J	Tagger, at $720 and $840, and stock examiner, at $900.	787.50	668.85
Atwood, Elmer R	Tagger, at $720	540.00	7.15
Bray, Stephen	Tagger, at $720 and $840	734.33	
Brown, Virgil L	do	211.00	140.60
Carter, Clifton	do	740.00	
Corbett, Chas. M	Tagger, at $720 and $840, stock examiner, at $900 and veterinary inspector, at $1,200 and $1,400.	741.17	100.96
Covington, Percy C	Tagger, at $720 and $840, and stock examiner, at $900.	835.00	611.70
Edmond, Chas. L	Tagger, at $720	120.00	
Fladness, Sever O	do	180.00	205.31
Gove, Arthur W	Tagger, at $720 and $840, and stock examiner, at $900.	797.50	
Harrington, C. F	Tagger, at $720 and $840	340.00	163.55
Keyser, Chas. T	Tagger, at $720	720.00	
Lowe, C. D	Tagger, at $720 and $840, and stock examiner, at $900.	802.50	1,166.20
Overton, Fred C	Tagger, at $720 and $840	148.00	132.70
Raub, Austin J	Tagger, at $720	718.00	
Rieman, Joseph J	Tagger, at $720 and $840	730.00	
Shelton, James E	Tagger, at $720	60.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Sigrist, Fred C	Tagger, at $720 and $840	$255.33	
Smith, Walter A	Tagger, at $720 and $840, and veterinary inspector, at $1,200 and $1,400.	871.67	$3.65
Sutton, Clemmons G	Tagger, at $720 and $840	780.00	2.00
Tellejohn, Edwin H	....do	780.00	
Tierney, D. D	Tagger, at $720 and $840, and stock examiner, at $900.	790.00	
Weaver, Flavus	Tagger, at $720	180.00	
Zimmerman, Herman E	Tagger, at $720 and $840	734.00	
Tunstall, Jennie	Assistant microscopist, at $600	600.00	
Snyder, Harry	Expert in nutrition investigations, at $10 per diem.	1,000.00	
Curtice, Cooper	Expert in tick eradication, at $200 per month	600.00	
Clark, H. A	Expert in tick eradication, at $5 per diem	10.00	9.70
Porter, W. S	....do	10.00	10.40
Roberts, G. A	Expert in tick eradication, at $1,500	170.84	79.90
Frederick, H. J	Expert in contagious diseases of sheep, at $200	25.00	58.85
Klein, Louis A	Expert in Texas fever, at $200	16.66	208.43
Van Es, Leunis	Agent, at $12 per diem	312.00	
Kay, John Boyd	Agent, at $900	900.00	8.96
Kirkpatrick, W. F	Agent in turkey investigation, at $900	285.00	
Cole, Leon J	Agent in turkey investigation, at $700	174.99	
Beck, Morris	Agent in scabies eradication, at $6 per diem	486.00	23.95
Bidegaray, Domingo	....do	90.00	
Blair, J. N	....do	288.00	
Blemer, Chas. H	....do	144.00	
Clay, Leslie G	....do	420.00	
Compton, Carson	....do	264.00	
Gianella, Thos. A	....do	162.00	
Ginn, J. H	....do	54.00	
Giraldo, Alex	....do	156.00	
Grimshaw, T. M	....do	204.00	
Johnstone, S. A	....do	150.00	
Lindsay, J. W	....do	114.00	
Morris, Andrew	....do	42.00	
Neal, John T	....do	66.00	
Rawling, W. J	....do	708.00	9.15
Ryan, W. M	....do	660.00	20.30
Stevens, Joseph W	....do	204.00	
Taylor, Joseph	....do	84.00	
Terry, G. M	....do	246.00	
Tornquist, Alfred	....do	150.00	
Young, E. J	....do	276.00	
Allen, Ed. R	Agent in scabies eradication, at $1,200	300.00	164.7
Mayer, N. J	....do	300.00	178.95
James, I. L	....do	296.67	302.80
Bentley, Chas. A	Agent in scabies eradication, at $1,000	127.78	131.47
Corbin, E. A	....do	250.00	220.87
Dunn, Piatt	....do	250.00	168.48
McCabe, B. D	....do	602.78	146.80
Logan, James	....do	127.78	100.35
Adams, John D	Agent in scabies eradication, at $960	160.00	168.15
Alyea, W. C	....do	42.67	100.20
Asher, Henry E	....do	248.00	173.98
Bertrand, Charles	....do	248.00	157.35
Chambers, Leroy M	....do	80.00	99.05
Cunningham, M. F	....do	248.00	152.60
Curry, Hugh E	....do	248.00	162.78
Dill, Bennie	....do	240.00	186.95
Duffy, R. F	....do	184.00	109.55
Ewers, Smith V	....do	248.00	156.96
Freeman, Carl E	....do	248.00	247.39
Hearn, Joseph L	....do	178.67	171.45
Hickox, Claude	....do	240.00	187.25
Ivers, Robert	....do	240.00	91.21
Kaller, Warren C	....do	240.00	254.87
Law, F. W	....do	42.67	94.60
Leeper, John C	....do	109.33	8.20
McBroom, Ralph	....do	248.00	382.13
McFall, Jonathan	....do	200.00	44.76
Mahoney, W. J	....do	34.67	45.98

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Osborn, Wm. F	Agent in scabies eradication, at $960	$248.00	$185.40
Petty, Fred L	do	160.00	197.75
Pickett, James F	do	248.00	380.08
Pine, David B	do	248.00	104.40
Pine, Henry E	do	248.00	163.60
Sorrell, Warren	Agent in scabies eradication, at $960, and veterinary inspector, at $1,400.	284.67	182.15
Stults, Clinton L	do	284.67	204.90
Swaney, Frank C	Agent in scabies eradication, at $960	37.33	.....
Watters, Sidney A	do	248.00	271.65
Wilkes, R. W. A	do	160.00	166.60
Douglas, Hopson O	Agent in scabies eradication, at $900	32.50	15.77
Hammack, L. C	do	675.00	342.40
Lackey, Sidney	do	187.50	46.70
Smith, Cyrus R	do	150.00	.....
Adams, E. L	Agent in scabies eradication, at $840	16.33	43.60
Anderson, William C	do	189.00	225.35
Barnard, Wirt R	do	189.00	151.65
Blake, C. F	do	158.67	156.75
Blickhahn, George	do	32.67	42.20
Brown, G. H	do	16.33	12.00
Burkholder, C. E	do	189.00	300.40
Collins, Alva G	do	189.00	144.45
Collins, G. C	do	42.00	94.40
Conard, John A	do	210.00	227.60
Davis, W. L	do	16.33	15.75
Dodson, Geo. J	do	210.00	198.80
Donnelly, Edgar W	do	210.00	77.65
Dunaway, Whig F	do	205.33	156.45
Dye, William C	do	189.00	296.86
Eddingfield, A. A	do	189.00	231.85
Ellis, C. Roland	do	172.67	222.55
Ellis, Walter J	do	175.00	238.95
Emonts, Joseph	do	170.33	189.40
Ettling, Christian	do	189.00	41.80
Fish, R. J	do	14.00	48.40
Foster, Samuel L	do	210.00	158.75
Gilbert, Louis C	do	128.33	118.25
Gomel, Charles	do	189.00	107.00
Heckart, H. L	do	210.00	315.00
Holbrook, Justin B	do	189.00	142.93
Hulbush, Chas	do	128.33	191.55
Jones, John S	do	16.33	46.50
Jung, Otto E	do	189.00	213.40
Justin, Miner M	do	189.00	150.90
Kinsey, O., jr	do	49.00	72.70
Korb, Walter A	do	193.67	265.42
Kramer, Welker F	do	189.00	103.15
Lamborn, George E	do	156.33	164.80
Lemery, Albio A	do	189.00	184.70
Mason, Frank H	do	70.00	106.65
Mather, Chalmer A	do	175.00	209.45
Morris, David Karl	do	189.00	241.60
Nelson, Swen	do	156.33	207.45
Peisne, Owen E	do	91.00	.....
Perry, James	do	189.00	175.25
Phillips, Allen G	do	16.33	16.25
Ring, Nathaniel S	do	105.00	177.41
Rockwel, G. M. H	do	245.00	24.85
Roney, Byrle C	do	37.33	72.45
Rooper, John A	do	210.00	121.65
Sawhill, W. H	do	42.00	93.05
Schafer, Conrad	do	210.00	323.55
Shraiberg, S. G	do	140.00	311.93
Simpson, Harry H	do	28.00	70.95
Smith, Lee C	do	180.00	124.30
Sullivan, Dan C	do	175.00	225.75
Tremper, Henry J	do	189.00	241.80
Vance, Arthur	do	156.33	168.60
Waugh, Erick N	do	30.33	51.10
Williams, Robt. E	do	16.33	15.75

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Willits, Earl V.	Agent in scabies eradication, at $840.	$42.00	$48.65
Worswick, R. C.	....do	189.00	228.55
Zimmerman, Asa	....do	16.33	11.30
Armistead, Henry	Agent in tick eradication, at $6.50 per diem	357.50	.....
Winfree, Patrick B.	....do	97.50	.....
Richardson, M. H.	Agent in tick eradication, at $6.25 per diem	131.25	.....
Barcom, Geo. H.	Agent in tick eradication, at $6 per diem	72.00	.....
Eastman, Charles	Agent in tick eradication, at $1,200, and veterinary inspector, at $1,200.	250.00	96.25
Clark, W. G.	Agent in tick eradication, at $3 per diem	45.00	.....
Covington, T. R.	....do	36.00	.....
Edwards, James H.	....do	63.00	.....
Glick, S. H.	....do	162.00	.....
Lawson, Wm. F.	....do	168.00	.....
Niven, J. F.	....do	36.00	.....
Plyler, P. P. W.	....do	63.00	.....
Winfree, Robert N.	....do	45.00	.....
Becker, Chas. J.	Agent in tick eradication, at $1,000	166.67	84.83
Benson, Thomas H.	....do	211.11	16.35
Cash, John	....do	83.34	.....
Cole, William W.	....do	388.90	153.00
De Hart, H. L.	....do	177.78	80.00
Finley, G. M.	....do	208.34	79.31
Gibson, Charles H.	....do	250.00	328.40
Gorton, Charles T.	....do	250.00	70.52
Graham, Joseph	....do	172.22	126.69
Jones, Clinton H.	....do	250.00	90.65
Kooken, Mark	....do	250.00	337.91
Lane, Givens	....do	250.00	117.05
Merritt, Joseph G.	....do	250.00	129.70
Rubel, Chester W.	....do	166.67	194.75
Saunders, John B.	....do	208.34	94.86
Seymour, C. H.	....do	113.89	46.55
Shearer, John C.	....do	244.44	107.98
Wallace, Willis A.	....do	386.12	156.57
Wood, E. P.	....do	125.01	101.84
Moreno, Ruben J.	Agent in tick eradication, at $960	42.67	46.35
Crockett, James L.	Agent in tick eradication, at $900	207.50	14.30
McClelland, John D.	....do	207.50	71.10
Riseling, Frederick	....do	225.00	.....
Andrews, C. L.	Agent in tick eradication, at $840	39.67	.....
Andrews, E. B.	....do	53.67	20.65
Andrews, Lucien	....do	140.00	13.92
Arnett, David N.	....do	140.00	31.20
Baker, J. E.	....do	49.00	.....
Beakley, W. A.	....do	140.00	.....
Beckham, J. M.	....do	49.00	.....
Berry, James C.	....do	140.00	32.35
Bowers, S. B.	....do	179.67	9.70
Boyd, M. D.	....do	25.67	.....
Brawley, Wm.	....do	210.00	.....
Bullington, W. H.	....do	140.00	.....
Burkholter, J. D.	....do	182.00	6.56
Butler, C. T.	....do	11.11	.....
Cain, W. S.	....do	140.00	.....
Cantwell, John H.	....do	140.00	34.35
Carlock, L. H.	....do	79.33	.....
Carpenter, Geo. C.	....do	140.00	11.15
Carter, B. D.	....do	16.33	.....
Clare, Hilrey D.	....do	175.00	51.61
Clark, Louis N.	....do	210.00	52.10
Coleman, Walter A.	....do	280.00	148.90
Davidson, C. M.	....do	70.00	.....
Davis, Herbert F.	....do	172.67	18.80
Davis, J. H.	....do	175.00	14.25
Deahl, Nestor H.	....do	210.00	47.10
Denman, William A.	....do	210.00	65.05
Drake, James B.	....do	205.33	83.55
Enochs, Nathan	....do	177.33	25.70
Enos, Elbert M.	....do	203.00	94.31
Evans, David	....do	140.00	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Fanning, J. H	Agent in tick eradication, at $840	$23.33	
Floyd, J. N	do	140.00	
Frady, J. E	do	105.00	
Frazier, F. A	do	177.33	$7.97
Fry, Chas. P	do	140.00	39.35
Fry, John L	do	140.00	18.76
Gaines, John L	do	105.00	
Gallagher, Frank A	do	175.00	22.80
Garrett, O. M	do	11.67	67.05
Gideon, Oliver P	do	198.33	
Good, Hampton H	do	175.00	16.70
Greer, H. C., jr	do	140.00	
Gunn, John H	do	140.00	
Hampton, John M	do	102.66	
Harbison, G. W	do	177.33	11.02
Harton, David L	do	175.00	
Henry, James T	do	105.00	
Herring, L. J	do	70.00	112.82
Hine, Ernest	do	136.50	
Holloway, J. H	do	179.67	9.57
Jarvis, Daniel A	do	175.00	15.35
Jarvis, G. W	do	177.33	7.97
Johnson, Edward	do	60.67	
Johnson, J. D	do	95.67	
Jones, A. C	do	70.00	106.20
Kell, O. T	do	95.67	
Knowles, P. P	do	49.00	
Koonce, L. F	do	70.00	111.10
Lentz, G. W	do	175.00	14.50
Lowrey, Edward H	do	175.00	15.35
McArmick, Chas. E	do	140.00	45.65
McCampbell, C. W	do	175.00	99.00
McClain, A. Wm	do	79.33	
McLelland, Wm. W	do	140.00	12.60
Mathews, Virgil A	do	140.00	34.33
Meaders, Frank M	do	189.00	30.30
Miller, Ira	do	312.67	86.45
Mitchell, Frank P	do	133.00	
Mock, Bert H	do	198.33	44.25
Moore, H. W	do	16.33	
Moore, M. D	do	16.33	
Nivin, Chas. F	do	189.00	321.56
Nivin, L. A	do	189.00	329.55
Offield, John W	do	210.00	56.75
Oglesby, W. B	do	149.33	168.17
Overton, James E	do	70.00	114.59
Owens, Claude S	do	193.67	82.65
Owens, C. T	do	32.67	
Pack, B	do	177.33	13.85
Pearce, Bart	do	165.67	56.89
Pennington, J. F	do	172.67	19.60
Persse, John C	do	140.00	11.55
Phillips, Robert	do	109.67	
Pinkstone, Theodore	do	107.33	
Puryear, E. F	do	65.33	
Query, A. J	do	16.33	
Robinson, Chas. I	do	105.00	
Robinson, Chas. W	do	140.00	
Romines, J. P	do	49.00	
Safley, Jesse C	do	165.67	19.60
Shepherd, Miram K	do	205.33	51.20
Shipley, H. R	do	149.33	11.40
Sims, W. A	do	175.00	16.68
Smallmon, D. M	do	149.34	11.30
Smith, Frank M	do	210.00	75.35
Sommers, Frank	do	210.00	102.03
Sparkman, I. L	do	170.34	37.80
Spoon, Jesse P	do	70.00	91.17
Stone, Rene E	do	179.67	53.23
Storie, I. R	do	170.33	20.80
Swaim, J. L	do	184.33	14.33

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Talbott, J. G	Agent in tick eradication, at $840	$168.00	
Turlington, John E	do	70.00	$96.65
Wasson, S. B	do	102.67	
Waters, John T	do	189.00	24.85
Whitson, M. E	do	186.67	20.40
Willbanks, T. S	do	65.33	
Williams, J. F	do	16.33	
Williams, J. T	do	105.00	
Willis, W. G	do	65.33	
Wright, T. M	do	105.00	
Park, A. B	Agent in tick eradication, at $50 per month	175.00	321.82
Quillian, Chas. M	Agent in tick eradication, at $50 per month and $1,000.	203.89	292.55
Shelton, E. W	Agent in tick eradication, at $50 per month	175.00	
Wolf, Max	Clerk, at $1,000	250.00	151.58
Newlove, Harry S	Clerk, at $900	450.00	23.65
Featherston, Oscar A	Clerk, at $840	74.67	
Hartwell, Chas. K	Clerk, at $840, $900, and $1,000	913.34	
Kitzhofer, Joseph H	Clerk, at $840	32.67	41.55
Newberry, Geo. W	do	177.33	44.10
Sherwood, Everett C	Clerk, at $840 and $1,000	866.67	
Clarke, Michael H	Clerk and stenographer, at $900	690.00	
Cole, E. J. A	Clerk, stenographer, and typewriter, at $900	207.50	
Ulmann, Oscar	do	270.00	
Brown, Arthur O	Clerk, stenographer, and typewriter, at $840	732.67	
Slicer, Heber M	Clerk-typewriter, at $840	203.00	
Smith, George	do	16.33	
Davis, Tobias A	Skilled laborer, at $720	630.00	3.01
Baillie, Geo	Laborer, at $4 per diem	24.00	
Barnette, Richard	do	44.00	
Boice, Fred	do	40.00	
Dolan, John P	do	40.00	
George, Chas. H	do	32.00	
Partridge, C. E	do	28.00	
Pflaeging, Wm. H	do	40.00	
Schroebel, Edw. H	do	16.00	
Schroeder, Wm. C	do	28.00	
Shipley, Wm. B	do	40.00	
Sommer, David F	do	40.00	
Stuckey, Geo	do	32.00	
Williams, Harry	do	36.00	
Hume, Harry F	Laborer, at $720, and tagger, at $720	720.00	
Biehl, John	Laborer, at $2 per diem	60.00	
Copeland, James	Laborer, at $2 per diem and $720	722.00	
Hambleton, G. H	Laborer, at $2 per diem	468.00	
Allett, A	Laborer, at $1.75 per diem	229.25	
Mongin, X	do	85.32	
Noval, Dominic	do	199.06	
Tuthill, H	Laborer, at $50 per month	600.00	
Kolbe, D. W	Laborer, at $37 per month	111.00	
Smith, Archie	Laborer, at $1 per diem	51.50	
Hazzard, Frank L	Guard, at $2.50 per diem	100.00	
Reger, Richard O	do	127.50	
Dewhurst, Wm. R	Guard, at $60 per month	174.00	
Total		374,098.13	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200."

Name.	Amount.
Stationery.	
American Lead Pencil Co.	$181.84
American Office Specialty Co.	7.00
Andrews Co., A. H.	57.91
Andrews Paper Co., R. P.	355.25
Ballantyne, R. Carter	167.27
Baumgarten & Sons, J.	1.50
Bell Co., J. F.	3.60
Brentano's (Incorporated)	20.50
Contingent expenses, Department of Agriculture	12.44
Davison & Co., H. C.	116.96
District of Columbia Paper Manufacturing Co.	100.80
Eagle Pencil Co.	28.67
Gaylord Bros.	.75
Globe Printing Co.	1.50
Houston Co., F. J.	5.00
Index Bureau	35.00
Johnston & Co., W. G.	15.00
Lamb & Tilden	61.72
Library Bureau	870.01
Lindemeyer, Philip	26.20
Moore, E.	1.25
Morrison Paper Co., E.	50.46
Newman, E. S.	1.50
Parker, D. Frank	723.65
Roberts Co., W. F.	.50
Rockford Pencil Knife Co.	1.00
Savannah Stationery and Printing Co.	10.50
Schmidt, Fred A.	97.72
Sharp & Sons, F.	11.70
Siebert, J. F.	2.50
Smith & Butterfield	4.90
Stockett Fiske Co.	31.88
Swayze, Bailey & Co.	.75
Swayze, W. L.	1,734.02
Taylor Hardware Co.	7.00
Typewriter and Office Supply Co.	8.25
Union Envelope Co.	168.35
United States Envelope Co.	512.43
Waterman & Co., L. B.	1.20
Yawman & Erbe Manufacturing Co.	55.55
Total	5,494.03
Miscellaneous supplies, etc.	
Age Herald Publishing Co.	1.47
Alberta Dairy Association	57.00
Albuquerque Hardware Co.	2.50
Allen Manufacturing Co., W. D.	16.75
American Felt Co.	4.50
American Linen Supply Co.	12.00
Anderson & Ireland Co.	16.15
Andrews, C. L.	17.00
Andrews, F. B.	46.00
Andrews, Lucien	120.00
Angle & Co., P. S.	1.00
Argus Leader Co.	5.18
Arizona Publishing Co.	5.70
Armour & Co.	1.92
Arnett, David N.	120.00
Bailey, Mabel	50.00
Baist, G. Wm.	15.00
Baker, J. F.	21.00
Baker, L. W.	50.00
Ballantyne & Sons, Wm.	38.60
Baltimore Paint and Glass Co.	10.18
Bamford, H. J.	15.00
Barber & Ross	301.02
Barrett Manufacturing Co.	25.00
Beakley, W. A.	60.00
Beatrice Creamery Co.	96.72
Beattie, Robt. S.	130.00
Beavers, John M.	9.50
Becker & Co., Chas.	88.32
Becker, E. H.	7.00
Beckham, J. M.	$21.00
Bedell Manufacturing Co.	21.50
Bee Hive Department Store	7.62
Bee Publishing Co.	4.00
Bell, C. H.	300.00
Belo & Co., A. H.	12.75
Benson, Thomas H.	152.00
Bernasco, Joseph	383.07
Berry, James C.	120.00
Betz, Ernest	9.00
Bickford, W. E.	15.51
Biddell & Bogart Painters' Supply Co.	78.92
Biesecker, J. S.	5.90
Birch Lumber Co., S. M.	26.62
Blanche, Richard J.	187.50
Bolgiano & Co., F. W.	154.43
Bowers, S. B.	69.60
Boyd, M. D.	41.00
Bramhall, Deane Co.	110.11
Brandon Printing Co.	6.75
Brawley, Wm.	90.00
Brennan, Edward	72.00
Brentano's (Incorporated)	8.90
Brewer, Frank W.	280.00
Briley, Algie S.	60.00
Brown, S. Thomas	37.50
Bucyrus Copper Kettle Works	98.76
Buffington, R. M.	360.00
Bullington, W. H.	60.00
Burch & Co., F. S.	2.95
Burgdorf, Ernest	6.00
Burkhalter, J. B.	70.00
Burrell & Co., D. H.	1.15
Burrell, R. W.	90.70
Burroughs Adding Machine Co.	585.00
Burton & Son, R. C. M.	6.50
Butler, C. T.	11.00
Butler Co., W. H.	.60
Cain, W. S.	60.00
Campbell, J. F.	45.00
Campbell, Morrell & Co.	198.00
Cantwell, John H.	120.00
Capital Paper Box Co.	15.00
Capital Traction Co.	70.00
Carlock, L. H.	34.00
Carpenter, F. L.	167.15
Carpenter, George C.	120.00
Carr, James F.	25.00
Carr, J. H.	120.00
Carter, B. D.	7.00
Cash, John	60.00
Casper, George T.	187.50
Cass, Ida	15.00
Castleberg's National Jewelry Co.	2.40
Cater, Fred G.	68.00
Catlin Co., Elmer H.	20.00
Chappel, N. W.	225.00
Charlotte Observer	6.38
Church & Stephenson	4,063.89
Claire, Hilrey D.	87.50
Clarion Ledger	5.50
Clark, Louis N.	105.00
Clarke Co., R. P.	18.75
Clawson, Clarence A.	175.00
Coe, S. R.	35.00
Cole, W. W.	140.00
Coleman, Walter A.	228.00
Collector of taxes, District Columbia.	4.84
Commercial Publishing Co.	3.00
Constitution Publishing Co.	5.00
Coon, William H.	98.40
Copeland, James	82.50
Cornell Incubator Manufacturing Co.	25.36
Corning, John H.	1.75
Cotton, James S.	81.82
Covert, James R.	25.00
Craig, Isaac	99.72

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Creamery Package Manufacturing Co.	$143.67
Crockett, James L.	166.00
Cyphers, Charles A.	23.81
Cyphers Incubator Co.	60.46
Dairymen's Supply Co.	1.50
Dale, James.	25.00
Darling & Co.	2.88
Davenport, Louisa.	13.00
Davidson, C. M.	21.00
Davis, H. C.	44.00
Davis, Herbert F.	66.00
Davis, J. H.	67.00
Deahl, Nestor H.	105.00
De Hart, H. L.	80.00
De Laney, John V.	280.00
Democrat Publishing Co.	2.40
Denman, Wm. A.	180.00
Dennison Manufacturing Co.	1.00
Densmore Typewriter Co.	.95
Dinsmore & Co., T. M.	58.25
Dodds, Guy.	75.00
Doremus & Snyder.	6.50
Douglass, A. H.	113.33
Douglas, Hopson O.	10.83
Douglas, W. H.	9.60
Drake, James B.	102.67
Drummond, Robert H.	166.83
Du Bois & Co., F. N.	46.00
Dulin & Martin Co.	26.60
Dumbauld, Harry.	390.00
Du Perow, M.	133.62
Dyer, Wm. H.	26.00
Dyett, F. G.	2.00
Edmiston, Walter.	12.00
Edmonston, Chas. R.	173.28
Elsinger Bros.	61.00
Elliott & Co., James.	141.73
Empire Towel Supply and Laundry Co.	9.00
Enochs, Nathan.	68.00
Enos, Elbert M.	77.00
Ergood & Co., J. C.	45.49
Espey, John B.	48.60
Evans, David.	60.00
Excelsior Wire and Poultry Supply Co.	4.40
Faber, Albert.	3.80
Fairbanks Co.	146.50
Fanning, J. H.	10.00
Farmers' Store Co.	502.74
Fausch, J. E.	36.00
Finley, G. M.	93.75
Fireman, Peter.	4.00
Fishel, A. R.	133.29
Fisher, W. T.	30.00
Fleming & Sovie Co.	35.00
Floyd, J. N.	60.00
Forker & Co., C. A.	11.40
Forum Printing Co.	8.40
Fowler, Frank.	1,268.55
Fox River Butter Co.	2.65
Frady, J. E.	45.00
Franklin & Co.	1.75
Frazier, F. A.	68.00
Freeman, Geo.	1.00
French, Scott.	40.00
Friedenwald Co.	90.00
Fries, Beall & Sharp Co.	205.08
Fritch & Son, Geo. T.	22.50
Fry, Chas. P.	120.00
Fry, John L.	70.00
Gaertner & Co., Wm.	14.33
Gaines, John L.	45.00
Gallagher, Frank A.	150.00
Garrett, O. M.	5.00
Gazette Publishing Co.	5.10
Gedney Farm.	$3.45
Geissler Plumbing and Heating Co.	322.75
Gibson, C. H.	180.00
Gideon, Oliver P.	99.17
Glenn, Harry H.	48.00
Globe Printing Co.	13.50
Goldenberg, M.	1.35
Goldsmith & Son, M.	4.75
Good, Hampton H.	67.00
Gorton, Chas. T.	105.00
Graham, Geo. H.	112.00
Graham, Joseph.	56.25
Graham, Ralph.	227.50
Great Bear Spring Co.	21.00
Greer, Frank H.	4.00
Greer, H. C., jr.	60.00
Griffith & Turner Co.	3.32
Grove, W. S.	32.00
Gunn, John H.	60.00
Guy, Curran & Co.	1.50
Hambleton, G. H.	134.50
Hampton, John M.	44.00
Harbison, G. W.	68.00
Harris & Shafer Co.	1.60
Hartig, Louis.	60.10
Haston, David L.	69.00
Haverford Cycle Co.	55.00
Hazleton, E. P.	7.75
Heacock, C. C.	187.50
Heiskell & Co., P. H., jr.	118.24
Heistand, A. B.	105.00
Henderson, L. C.	180.00
Henry, James T.	45.00
Higginbotham, A. L.	120.00
Hine, Ernest.	58.50
Hoge & McDowell Co. (Incorporated).	6,682.74
Holcomb Manufacturing Co., J. I.	6.00
Holloway, J. H.	69.00
Holtzer-Cabot Electric Co.	81.75
Home Ice Co.	344.03
Hopkins & Co., John C.	42.61
Howard Label Co.	12.00
Hubinger, Chas.	90.56
Hurley, J. E.	10.50
Hutchinson, W. Seely.	2.85
Hygienic Soap Gran. Co.	12.00
Imler, F. A.	6.00
Independent Publishing Co.	8.21
Irwin, A. N.	200.00
Jarvis, Daniel A.	67.00
Jarvis, G. W.	68.00
Johns Manville Co., H. W.	20.52
Johnson, Albert L.	27.64
Johnson, Edward.	26.00
Johnson, J. D.	41.00
Johnson, Oscar.	182.35
Jolliffe, S. M.	90.00
Jones, Clinton H.	112.50
Jorden, Wm. D.	225.00
Joyce Engraving Co., M.	2.42
Kann, Sons & Co., S.	5.09
Karlen & Son, Jacob.	9.25
Kaufman, D. J.	2.25
Keasbey & Mattison Co.	82.89
Keiser, Lewis.	770.00
Kell, O. T.	41.00
Kellogg Switchboard and Supply Co.	8.75
Kellum & Co., L.	4.90
Kelly, Albert.	28.00
Kelly, G. W.	30.00
Kendall, Maj. H. N.	25.00
Kinnan, A. F.	75.00
Knight, C. W.	4.00
Knowles, P. P.	21.00
Kooken, Mark.	105.00
Kooser, Cap.	145.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Kreh, J. F	$3.80
Lamb & Tilden	9.06
Lamberd Co., S. L	44.45
Lambie Co. (Incorporated), J. B	322.75
Lane, Givens	180.00
Lansburgh & Bro	50.30
Larson, Anton	4.00
Lawson, W. M	15.00
Lentz, G. W	67.00
Lindsay Rubber Manufacturing Co., M	14.85
Linge, Anton	30.00
Lipp, Geo. A	187.50
Lochte, L. Leroy	158.50
Lock, Daniel A	9.80
Longmans, Green & Co	5.25
Lowdermilk & Co., W. H	14.10
Lowman, H. S	99.00
Lowrey, Edward H	67.00
Lutz & Co	81.65
McArmick, Chas. F	70.00
McClain, William	34.00
McClelland, John D	136.00
McCubbin Co., C. J	7.30
McCunningham, Daniel	180.00
McDaniel, W. F	12.50
McDonald, W. A	40.00
McGeorty, M. G	12 50
McLelland, Wm. W	70.00
McNally, Henry R	360 00
McSparren, J. C	114.27
Macmillan Co	12 00
Manhart, T. F	36.00
Maroney, Thomas	36.00
Mathews, Virgil A	120.00
Matson, James	9.75
Mayfield & Brown	24.25
Meaders, Frank M	71.00
Melcher, C. A	.60
Merritt, Joseph G	180.00
Metropolis	3.22
Miller, Arthur W	360.00
Miller, Ira	140 00
Mineralized Rubber Co	53 25
Minneapolis and St. Louis R. R. Co	4.31
Mitchell, Frank P	57.00
Mitchell Co., M. C	349.75
Mock, Bert H	99.17
Mohler, John R	180.00
Monarch Typewriter Co	121.00
Montgomery & Co	1.80
Moore Co	85.00
Moore, H. W	7.00
Moore, M. D	7.00
Moyer, H. A	19.00
Mueller Manufacturing Co., H	57.30
Munn, Fred	218.00
Muth & Co., Geo. F	213.11
Nance, Joseph E	86.00
National Electric Supply Co	597.97
National Enameling and Stamp Co	3.50
National Mortar Co	343.30
National Phonograph Co	225.80
Nawrath, J. P	2.80
Neumeyer, Co	6.80
Ney, Wm. O	90.00
Niagara Radiator Co	58.37
Nicholson & Son, J. A	27.88
Nickerson & Collins Co	10.00
Niles, N. L	99.50
Niles, W. B	10.90
Niswender, J. L	39.10
Northern Creamery Supply House	13.35
Nowlen, A. E	20.00
Oakwood Farm	2.80
O'Brien, Geo. W	27.00
Miscellaneous supplies, etc.—Cont'd.	
O'Brien & Bro. Co., R. J	$48.40
O'Bryon, Philip M	15.00
Offield, John W	105.00
Oklahoma State Capitol	8.20
Okonite Co. (Limited)	51.75
Oliver Machinery Co	236.00
Oliver Typewriter Co	3.10
Oregonian Publishing Co	11.76
Owen Farms	17.50
Owens, Claude S	96.83
Owens, C. T	14.00
Pack, B	68.00
Palais Royal	15.00
Parkes File Co	6.63
Parkes, Frank	36.00
Pearce, Bart	142.00
Pennington, James F	66.00
Percival, C	4.00
Perry, J. E	75.00
Persse, John C	120.00
Peterson Hardware Co	15.26
Phillips, Robt	47.00
Pierce, T. B	15.00
Pinkstone, Theo	46.00
Post-Office Department	2.40
Potomac Electric Power Co	16.20
Potomac Lime and Stone Co	494.91
Potter, A. L	20.65
Prairie State Incubator Co	32.49
Probey Carriage Co	22.00
Puryear, F. F	28.00
Querry, A. J	7.00
Queen City Supply Co	12.60
Ransom, Mrs. Fannie	51.60
Rapier, Thomas G	7.20
Rau, John C	78.75
Record-Stockman Publishing Co	8.80
Reed Manufacturing Co	1.11
Reilly, Hugh	79.22
Remington Typewriter Co	2,641.54
Reno Gazette Publishing Co	3.30
Rigdon, Frank	120.00
Rigdon, Scott J	150.00
Robards, Jesse	450.00
Rabb, James	24.50
Robinson, Chas. I	45.00
Robinson, Chas. W	120.00
Rock Creek Auto and Wagon Works	50.00
Rodee, H. A	100.00
Roebling's Co., Jno. A	30 00
Romines, J. P	21.00
Roswell Register-Tribune	5.13
Rowland, John B	70.00
Rudolph & West Co	1,270.31
Safley, Jesse C	63.00
St. John, Alex	23.50
Salt Lake Tribune Publishing Co	3.52
San Francisco Call	3.80
Saunders, John B	93.75
Savage, W. A	187.50
Schafer & Co., E. G	107.88
Schermerhorn & Son, C. S	308.43
Schmid, Edw. S	62.30
Schneider's Sons, C. A	16.25
Schneider, Frederick L	187.50
Schuler & Son, M	85.23
Scott, Guy	25.00
Seamark, Harry F	127.45
Seltman, Robert	8.00
Seymour, C. H	51.25
Shapiro & Levenson	20.36
Shea, F. P	1,579.00
Shea, M	650.00
Shea, N. H	20.24
Shearer, John C	108.75
Shepherd, Miram K	102.67

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Shipley, H. R	$60.00
Shore, Charles	19.00
Simpson, John M	300.00
Skinner, W. A	187.50
Smallman, D. M	58.00
Smith, Cyrus R	70.00
Smith, Frank M	180.00
Smith, Thomas W	57.36
Somerville Co., Thomas	558.58
Sommers, Frank	105.00
Southern Printers' Supply Co	1,403.49
Sparkman, I. L	65.00
Spindler, E. S	187.50
Standard Oil Co	5.13
State Co	5.80
Statesman Printing Co	5.60
Steckert & Co., G. E	27.78
Steele, Joseph G	184.00
Steiger & Co., E	.88
Stewart & Co	4,266.26
Stewart Crook Hardware Co	27.53
Stone, Rene E	73.50
Storie, I. R	65.00
Storr's Agricultural Experiment Station	14.30
Sturges, James D	.35
Swaim, J. L	72.00
Swenson Bros. Building Co	15.90
Talbott, J. G	72.00
Tapager & Hansen	212.79
Taylor, J. A	52.50
Texas Co	637.08
Thompson, C	110.00
Thompson, C. W	59.60
Thompson, R. C	137.50
Times Despatch Co	3.90
Times Mirror Co	4.20
Times Printing Co	2.55
Toomey & Sons, J. H	9.62
Topeka Capital	3.20
Topham, James S	69.05
Torsch Co., Chas. H	2.73
Tribune Publishing Co	5.68
Typewriter and Office Supply Co	115.90
Underwood Typewriter Co	511.41
Union Stock Yards Co	1.30
University of Wisconsin	406.35
Van Fleet, C. W	10.00
Voigt, Edward	7.50
Waggner & Co., Lewis	81.51
Wallace, W. A	240.00
Ward Leonard Electric Co	4.47
Warner, Dick E	240.00
Warner, L	192.00
Washington Market Co	5.65
Wasson, S. B	44.00
Waters, John T	75.00
Watson, H. R	133.03
Wawa Dairy Farms	2.90
Wellman, Lon	17.00
Wesley, Maggie	21.00
West Disinfecting Co	8.75
Westinghouse Air Brake Co	80.50
Whitinger, A. A	71.00
Whitson, M. E	72.00
Wiegand, Martin	17.00
Wilcox & Harvey Manufacturing Co	19.75
Wiley & Sons, John	3.94
Wiley, M. C	187.50
Willbanks, T. S	28.00
Williams, J. F	7.00
Williams, J. T	45.00
Willis, W. G	28.00
Willow Brook Farm	1.44
Woltman, Peter	65.00
Woodward & Lothrop	197.18
Woolf & Co., C. M	$80.00
Wright, T. M	45.00
Total	60,699.50
Furniture.	
Albuquerque Planing Mill Co	45.00
Baker & Folsom	62.00
Bedell Manufacturing Co	46.58
Curtin, A. P	12.90
Curtis, C. L	88.50
Emmons, J. D	30.00
Fielder & Allen Co	95.45
Hoeke, W. H	1,059.03
Hunter, Lewis	50.75
Knatvold, B. H	76.75
Lansburgh Furniture and Carpet Co., Julius	258.75
Library Bureau	250.45
Lincoln, Fred S	46.75
Moses & Sons, W. B	888.09
Revell & Co., Alex. H	227.00
Voigt, Edward	11.00
Wahlgren Furniture Co	43.75
Webb Bros	76.35
Woodward & Lothrop	714.39
Yawman & Erbe Manufacturing Co	1,091.21
Total	5,174.70
Fuel.	
Zeh Co. (Incorporated), Wm. J	858.65
Freight.	
Baltimore and Ohio R. R. Co	8.12
Burrell & Co., D. H	.40
Knox Express Co., Geo. W	.50
Littlefield, Alvord & Co	28.27
Merchants' Transfer and Storage Co	11.42
O'Heron, John J	.75
Pennsylvania R. R. Co	35.04
Roosa, I. P	.50
Snow Forwarding Co	.25
Star Union Line	1.14
Thompson & Wulff Transfer and Storage Co	8.25
Total	91.64
Express.	
Adams Express Co	528.16
United States Express Co	248.04
Total	776.20
Telegraph.	
Postal Telegraph-Cable Co	61.35
Western Union Telegraph Co	223.30
Total	284.65
Telephone.	
Boone County Telephone Co	12.0
Chesapeake and Potomac Telephone Co	302.81
Colorado Telephone Co	70.09
Cumberland Telephone and Telegraph Co	8.78
New England Telephone and Telegraph Co	14.94

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

Name.	Amount.
Telephone—Continued.	
New York Telephone Co	$38.25
New York and New Jersey Telephone Co	124.05
Pacific States Telephone and Telegraph Co	16.10
Rocky Mountain Bell Telephone Co.	39.00
Southwestern Telegraph and Telegraph Co	36.00
Texas and Pacific Telephone Co	3.75
Utah Independent Telephone Co	36.00
Vermont People's Telephone Co	9.40
Total	711.17
Rent.	
Auerbach & Bro., F	270.00
Baker, I. P	75.00
Barber, Geo. E	6.00
Booth & Co., A	360.00
Brown, Geo. G	300.00
Candler Investment Co	78.75
Chicago Insulated Wire and Manufacturing Co	42.00
Commercial Bank of Fargo	315.00
Crilly, Daniel F	275.00
Ellis, C. F	84.00
Fifteenth Street Investment Co	360.00
Frazier, W. L., estate of	60.00
Garcia, E. G., agent	168.00
Harwood, H. J	250.00
Hill, L. B. & D. B	300.00
Johnson & Son, J. H	1,800.00
Kansas City Stock yards Co. of Missouri	192.00
Krise, P. A	90.00
New York Mercantile Exchange	290.01
Plymouth Refrigerating Water Light and Power Co	511.65
Real Estate and Improvement Co of Baltimore	225.00
Rice, Hugh B	102.50
Richardson, T. M	174.00
Smith, Guy	18.00
Smith & Crawford	130.00
United Owners' Realty Corporation	48.00
Willis, Edward M	375.00
Wilson, D. E	168.00
Wilson, E. J	120.00
Yutz, Bessie	13.00
Total	7,200.91
Gas and electricity.	
Potomac Electric Power Co	1,156.41
Washington Gas Light Co	465.70
Total	1,622.11
Apparatus, instruments, and laboratory material.	
American Distributing Co	68.43
Barrett Manufacturing Co	1.75
Bausch & Lomb Optical Co	2,158.19
Bishop & Co., J	450.51
Bosworth, L. M	70.21
Bramhall, Deane Co	109.00
Bromley, Edward A	16.25
Burrell & Co., D. H	47.41
Catlin Co., Elmer H	10.00
Creamery Package Co	11.10
De Laval Separator Co	106.88
Draper Manufacturing Co	107.77
Elmer & Amend	410.32
Franklin & Co	5.00

Name.	Amount.
Apparatus, instruments, and laboratory material—Continued.	
Fritzsche Bros	$26.25
Giese & Son, A	18.00
Gilman, Z. D	1,356.21
Green, Henry J	9.00
Greiner Co., Emil	167.77
International Instrument Co	154.35
Jensen Manufacturing Co	305.75
Keuffel & Esser Co	137.08
Kny-Scheerer Co	5.35
Leitz, Ernst	163.82
Lenz & Lossau	30.90
McKee & Co., A. J	9.25
Mackall Bros	692.11
Orr & Luckett Hardware Co	5.00
Peoples' Pharmacy (Incorporated)	2.10
Pullman, E. J	352.01
Randall-Faichney Co	1.25
Rau, John C	5.00
Rochester Optical Co	1.00
Sheetz, W. Silas	27.30
Spencer Lens Co	15.00
Thomas Co., A. H	662.69
Torsion Balance Co	25.00
Vermont Farm Machine Co	42.00
Wagner Glass Works	104.39
Whitall, Tatum Co	97.43
Total	7,997.83
Printing and binding.	
Public Printer	1,382.86
Travel and station and field expenses.	
Abel, Joseph	90.03
Adams, E. L	43.40
Adams, J. D	168.15
Allen, Ed. R	164.70
Allen, F. T	211.00
Allen, Leslie J	129.89
Allen, Rollin M	648.67
Alyea, W. C	100.20
Anders, Thos. O	318.51
Anderson, W. C	225.35
Andress, Wm. R	46.15
Andrews, E. B	20.65
Andrews, Lucien	13.92
Anglicker, Jacob	261.75
Archer, R. J	668.85
Armsby, H. P	83.30
Armstrong, H. E	611.05
Arnett, D. N	31.20
Asher, H. E	173.98
Aufente, J. R	5.25
Babson, S. C	66.90
Bailey, Alfred L	259.85
Ball, Harry M	144.15
Barnard, W. R	151.58
Barnes, S. E	137.04
Barr, E. E	92.35
Barth, W. C	976.86
Batchelder, Howard M	542.38
Baumann, Ernest H	146.35
Beattie, J. G	86.40
Beattie, Robert S	187.55
Beck, Morris	23.95
Becker, Chas. J	84.83
Beechy, L. P	92.50
Behler, C. R	519.20
Bell, G. Arthur	42.50
Benson, T. H	16.35
Bentley, C. A	131.47
Berden, Augustus	184.00
Berry, James C	32.35
Bertram, E. L	7.74

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907 $812,200"—Continued.

Name.	Amount.
Travel and station and field expenses—Continued.	
Bertrand, Chas.	$157.35
Best, George	205.10
Bibb, A. G.	236.70
Bird, W. N. D.	19.99
Blackmar, C. E.	49.25
Blackwell, A. M.	534.67
Blake, C. F.	158.75
Blanche, Richard J.	295.77
Blickhahn, Geo.	42.20
Blume, R. B.	6.23
Boazman, James B.	99.27
Bolton, B. M.	95.06
Bond, Geo. A.	264.25
Bonde, R. J.	8.35
Boyle, C. W.	34.30
Bracken, Wm. J.	497.25
Bray, Thomas A.	241.55
Brewer, Frank W.	470.48
Brimhall, S. D.	361.00
Broadhurst, Robt. A.	623.23
Brown, Chas. A.	584.91
Brown, G. H.	12.00
Brown, Virgil L.	140.60
Browning, G. W.	424.43
Buckley, John S.	193.67
Buffington, R. M.	208.98
Bundy, Edward A.	519.65
Burch, S. R.	27.05
Burch, S. Royden	370.50
Burgett, John L.	318.93
Burkholder, C. E.	300.40
Burton, J. W.	281.55
Butin, G. E.	175.25
Butler, J. S.	216.45
Butler, Wm. J.	779.40
Cady, B. J.	750.15
Caldwell, Harry	404.55
Campbell, Chas. E.	265.71
Campbell, Colin	399.51
Campbell, L. S.	425.76
Canfield, Chas. H.	119.31
Cantwell, John H.	34.35
Carpenter, G. C.	11.15
Cary, E. J.	843.76
Casper, Geo. T.	608.35
Cater, Fred C.	80.21
Cave, R. A.	38.48
Chambers, L. M.	99.05
Chaney, Herbert B.	220.75
Cheney, L. S.	32.87
Chapin, Dwight D.	12.30
Clare, H. D.	51.61
Clark, H. A.	9.70
Clark, L. N.	52.10
Clarke, Lowell	998.82
Clawson, Clarence A.	317.42
Cock, James H.	8.75
Coffy, J. P.	141.68
Cohenour, H. H.	710.35
Cole, Guy T.	133.17
Cole, W. W.	76.61
Coleman, Arthur T.	92.04
Coleman, W. A.	148.90
Collins, A. G.	144.45
Collins, G. C.	94.40
Conard, John A.	227.60
Conley, C. C.	264.75
Connell, R. M.	125.01
Conover, John A.	36.75
Cooley, F. C.	221.00
Corbett, C. M.	100.95
Corbin, E. A.	220.87
Corlis, W. S.	57.90
Cosford, S. E.	415.19
Covington, Percy C.	611.70
Cowie, Charles	172.04
Coyle, Thomas	$55.75
Cracroft, T. Byron	204.75
Credicott, H. J.	329.38
Creech, Gilbert T.	356.20
Crewe, Wilton F.	644.35
Crocket, J. L.	14.30
Cummins, Wm. M.	96.50
Cunningham, M. F.	152.60
Curry, H. E.	162.78
Curtice, Cooper	443.21
Dallas, John T.	40.65
Davidson, R. J.	25.80
Davidson, William A.	68.59
Davies, L. R.	451.05
Davis, B. J.	68.45
Davis, T. A.	3.01
Davis, W. L.	15.75
Davidson, F. T.	1,211.92
Day, L. Enos	71.75
Day, W. E.	470.25
Deahl, N. H.	47.10
Dean, Albert	238.12
De Hart, H. L.	80.00
De Laney, John V.	649.30
Deming, C. W.	211.63
Denman, W. A.	65.05
Dennis, Vernon A.	179.31
Dennis, Wm. R.	46.25
Dexter, Wm. H.	302.74
Dill, Bennie	186.95
Dill, Robert	866.65
Doane, C. F.	615.38
Dodson, G. J.	198.50
Donnelly, E. W.	77.65
Dorman, J. E.	69.83
Dorset, Marion	222.31
Douglas, H. O.	15.77
Dox, A. W.	115.25
Dunaway, W. F.	156.45
Dye, W. C.	296.86
Drake, Edward J.	348.85
Drake, J. B.	83.55
Drake, Roy N.	567.10
Drake, Wm. H.	77.20
Drummond, Robt. H.	165.52
Duffy, R. F.	109.55
Dumbauld, Harry	255.94
Dunn, Piatt	168.48
Durfee, C. O.	11.01
Durham, Leon	436.15
Eagle, Thomas J.	203.64
Eastman, Chas.	96.25
Echols, B. C.	175.60
Eddingfield, A. A.	231.85
Eells, Frank C.	27.80
Ellenberger, W. P.	123.78
Ellis, C. R.	222.55
Ellis, W. J.	238.95
Elwell, F. N.	652.09
Emery, Frank E.	528.06
Emery, James A.	59.75
Emonts, Joseph	189.40
Enos, E. M.	94.31
Ettling, Christian	41.50
Evans, Fred	353.24
Everly, O. W.	219.26
Ewers, S. V.	156.96
Exline, James C.	786.08
Finley, G. M.	79.31
Fish, J. G.	737.38
Fish, R. J.	48.40
Fish, W. F.	521.21
Fladness, S. O.	205.31
Flaherty, G. F.	108.84
Fleming, Wm. R.	521.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

Name.	Amount.
Travel and station and field expenses—Continued.	
Formad, Robt. J	$420.85
Foster, J. P	297.85
Foster, S. L	158.75
Frederick, H. J	58.85
Freeman, Carl F	249.37
Fretz, W. J	911.34
Fry, Chas. P	39.35
Fry, J. L	18.76
Fry, William A	117.49
Fryhofer, C. W	466.95
Gallagher, B. A	394.95
Gallagher, F. A	22.80
Gallagher, F. L	152.95
Gallagher, J. J	1,208.37
Geddes, T. A	1,028.66
Gibson, Chas. H	116.40
Gideon, O. P	67.05
Gilbert, Louis C	118.25
Gilbert, Niron O	124.55
Gill, Edgar	3.45
Gillett, Stephen D	731.05
Gilmore, Elias	8.62
Glenn, H. H	123.05
Glynn, Frank J	587.77
Gomel, Charles	107.00
Gorton, C. T	70.52
Gourley, Thos. M	70.05
Graham, Joseph	126.69
Graham, Ralph (Arkansas City, Kans.)	504.13
Graham, R. (National Stock Yards, Ill.)	466.70
Gray, C. E	694.58
Graybill, H. W	233.64
Grimes, Robt. B	258.05
Gross, Wm. F	559.20
Hahn, Royal H	52.59
Hamilton, Wm	386.75
Hammack, L. C	342.46
Hammond, H. J	587.19
Hanawalt, David C	225.85
Hancock, Henry J	95.70
Harmon, A. A	742.55
Hart, G. W	11.87
Hart, Harry M	572.02
Harrington, C. F	151.60
Harrington, D. W	76.30
Hascall, M. T	549.82
Haskett, Bert	553.20
Heacock, Clyde C	535.50
Hearn, J. L	171.45
Heckart, H. L	315.00
Hedrick, H. A	5.50
Heldring, J. J. L	2.64
Henderson, P. P	387.71
Henderson, L. C	152.03
Herbert, Clay M	62.10
Herring, L. J	112.52
Hess, O. B	42.00
Hiatt, William L	95.56
Hickox, Claude	187.25
Hickox, Geo. S	405.52
Hickman, R. W	246.71
Hicks, H. H	1,047.60
Hills, J. V	187.38
Hodges, David R	11.25
Holbrook, J. B	142.93
Holcombe, A. A	305.10
Hood, H. B	313.65
Hopkins, F. W	110.98
Howes, Ben	3.57
Hughes, Albert N	6.95
Hullbush, Chas	191.55
Hutchinson, E. N	776.12
Hougendobler, John J	700.52
Hoyman, H. J	338.51
Travel and station and field expenses—Continued.	
Humphrey, M. E	$2.80
Hunter, Wm. R	13.04
Hurst, Wilbur H	596.22
Imes, Marion	785.94
Irwin, A. N	309.74
Issajeff, Theo. W	86.26
Ivers, Robert	91.21
Jackson, Roy E	114.03
Jackson, R. E. L	457.28
Jacobs, J. Otis	478.18
James, I. L	302.80
Jelen, Frank	196.10
Johnson, Fred E	748.09
Johnson, Levi E	296.20
Johnson, Western L	860.97
Jones, A. C	106.20
Jones, C. H	90.65
Jones, J. S	46.50
Jones, R. W	118.25
Jones, Thomas H	2.50
Jones, Wm. F	563.45
Jorden, Wm. D	104.05
Jung, Otto E	213.40
Justin, M. M	150.80
Kailer, W. C	288.87
Kay, John Boyd	8.96
Kerr, R. H	129.50
Kershner, P. I	452.69
Ketchum, F. D	10.00
Kieffer, P. H	41.72
Kiernan, J. A	945.39
Kinsey, O., jr	72.70
Kooken, Mark	81.15
Koonce, L. F	111.10
Korb, W. A	265.42
Kramer, W. F	103.15
Lackey, Sidney	46.70
Lacy, W. J	31.80
Lamb, Morgan P	13.65
Lamborn, G. E	164.80
Lane, C. B	669.41
Lane, Givens	12.95
Lang, M. W	1,285.51
Lantz, Matthias S	156.70
Lash, Elmer	73.90
Lauman, F. J	82.96
Lavery, W. F	59.98
Law, F. W	94.60
Lawson, James M	1,060.29
Lawton, R. G	810.61
Leeper, J. C	8.20
Lemery, A. A	184.70
Lentz, Edward S	70.15
Lewallen, W. M	71.26
Lincoln, Willis P	10.35
Lipp, Geo. A	242.45
Logan, Albert H	4.28
Logan, James	100.35
Lowe, C. D	1,166.20
Lowe, J. H	615.25
Lowry, Thomas J	954.55
Luepke, J. F	1.05
Lull, E. D	225.00
Lytle, Wm. H	487.35
McAdam, Robt	1,868.09
McArmick, C. E	45.65
McBirney, John	6.41
McBroom, Ralph	382.13
McBryde, C. N	252.06
McCabe, B. D	129.30
McCabe, Geo. P	273.20
McCall, Chas. A	143.90
McCampbell, C. W	99.00
McCarthy, T. A	181.70
McClelland, J. D	71.10
McClelland, R. L	3.15

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907 $812,200"—Continued.

Name.	Amount.
Travel and station and field expenses—Continued.	
McClure, S. W.	$962.53
McClure, W. E.	142.91
McCollum, P. L.	6.62
McCoul, J. F.	88.10
McCunningham, Dan'l.	72.27
McDonald, E. A.	1,696.02
McDonald, H. L.	592.60
McFall, Jonathan	44.76
McGinnis, R. W.	321.95
McLelland, W. W.	12.60
McNally, H. R.	190.29
MacKellar, W. M.	154.13
Mahoney, W. J.	45.85
Maloney, A. J.	98.27
Markert, George	550.85
Marshall, Henry	196.12
Martin, R. M.	31.60
Mason, F. H.	106.55
Mason, W. D.	232.79
Mather, C. A.	209.45
Mathews, V. A.	34.33
Mauldin, C. E.	179.80
Mayer, N. J.	178.95
Mayne, H. D.	279.85
Meadors, W. H.	18.31
Merrill, Jay	871.84
Merritt, Jos. G.	69.60
Metsker, Louis	92.81
Miller, Arthur W.	428.30
Miller, Chester	13.25
Miller, Ira	78.70
Miller, Joshua	5.52
Mooers, C. A.	17.79
Mock, B. H.	44.25
Mohler, John R.	265.76
Moore, J. W.	131.30
Moreno, R. J.	46.35
Morgan, H. A.	25.69
Morgan, Porter	1.40
Morin, C. L.	149.75
Morledge, Ralph	35.78
Morris, D. K.	241.60
Morrissey, Leo W.	486.55
Moser, G. C.	328.81
Murphy, W. J.	165.76
Murray, F. E.	441.20
Myers, Murray J.	107.59
Myers, Willis A.	167.42
Nance, Joseph E.	73.52
Naylor, Ralph E.	86.25
Nelson, Jean I.	573.70
Nelson, Swen	207.45
Newberry, G. W.	44.10
Newman, Robert R.	629.05
Ney, Wm. O.	61.90
Nighbert, E. M.	115.36
Niles, W. B.	112.65
Niven, A. B.	21.51
Niven, C. F.	321.56
Niven, L. A.	329.55
Noyes, O. W.	726.94
Noyes, R. E.	148.65
Nutting, L. A.	966.10
O'Connor, John P.	817.25
Offield, J. W.	56.75
Oglesby, W. B.	163.17
Olbeter, Rudolph M.	309.95
Oldaker, E. E.	124.60
O'Leary, J. P.	18.84
O'Neil, Ernest R.	756.49
O'Rourke, I. W.	61.10
Osborn, W. F.	185.30
Overton, Frederick C.	132.70
Overton, J. E.	114.59
Owen, F. D.	11.75
Owen, Thomas M.	657.38
Owens, Claude S.	82.65

Name.	Amount.
Travel and station and field expenses—Continued.	
Park, A. B.	$123.25
Parker, Joseph W.	221.04
Parks, G. H.	4.25
Paul, Arthur	175.54
Paxton, I. B.	787.32
Payne, A. J.	202.93
Peabody, H. C.	48.45
Peabody, W. J.	75.00
Pearce, Bart	56.59
Pearson, Chas.	281.65
Peck, S. W.	770.00
Perry, F. M.	212.10
Perry, James	175.25
Persells, H. V.	215.55
Persse, J. C.	11.85
Pettey, F. O.	334.30
Pettibone, A. H.	75.31
Petty, F. L.	197.75
Petty, J. W.	33.65
Pfaffman, G. A.	74.90
Philips, A. G.	16.25
Phillips, E. F.	9.01
Philpott, L. B.	145.25
Pickett, James F.	380.06
Pine, David B.	104.40
Pine, H. E.	163.60
Pinkerton, H. E.	590.06
Pope, Geo. W.	585.58
Porter, W. S.	10.40
Potter, G. M.	110.77
Potter, H. T.	48.24
Pratt, R. T.	530.15
Price, J. O. F.	101.14
Proper, L. J.	100.05
Proudfoot, Wm.	1,279.24
Quillian, C. M.	97.91
Quirk, Michael J.	596.37
Ragland, M. J.	347.82
Ramsay, R. A.	1,319.01
Ransom, B. H.	449.86
Raque, Chas. A.	54.00
Rawl, B. H.	216.06
Rawling, W. J.	9.15
Rea, T. B.	910.66
Redmond, Thos.	152.80
Repp, Geo. E.	2.00
Rich, T. S.	107.70
Richards, Isaiah	198.00
Richardson, A. G. G.	4.00
Ridgway, J. W.	12.02
Reitz, John H.	482.45
Rigdon, Frank	391.53
Rigdon, Scott J.	136.44
Riley, E. H.	138.39
Ring, N. S.	177.41
Robards, Jesse	390.92
Robbins, Hartwell	134.21
Roberts, G. A.	79.90
Roberts, Herbert	44.20
Robinson, Chas. H.	664.40
Robinson, Geo. H.	1,088.94
Robinson, L. A.	12.84
Rockwell, M. H.	24.85
Rodibaugh, S. J.	86.10
Rogers, Beatrice C	25.94
Rogers, L. A.	305.52
Rommel, Geo. M.	303.70
Roney, B. C.	72.45
Roome, Henry	261.65
Rooper, J. A.	121.65
Rork, Chas. F.	969.45
Rosenberger, M.	156.36
Royce, Joe A.	117.55
Rubel, Chester W.	72.76
Russell, F. L.	382.15
Ruth, Adolph	47.45

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200"—Continued.

Name.	Amount.
Travel and station and field expenses—Continued.	
Ryan, W. M	$20.30
Ryder, Frank	14.20
Ryder, H. R	5.12
Ryder, J. F	30.22
Sammis, John L	68.98
Santee, E. M	1,004.76
Sargent, L. E	514.31
Sanders, J. B	94.86
Saunders, W. H	261.85
Savage, W. A	424.96
Sawhill, W. H	93.05
Schafer, Conrad	323.55
Schafer, Cecil K	753.16
Schaffter, E. P	.45
Schneider, F. L	887.40
Schofield, Major	34.10
Schroeder, E. C	114.43
Schumacher, W	713.45
Scott, P. B	97.45
Seymour, C. H	46.55
Shaw, Edward L	19.77
Shaw, R. H	24.65
Shearer, J. C	107.98
Shelton, E. W	121.73
Shepherd, M. K	51.20
Shepherd, R. C	148.55
Shralberg, S. G	311.93
Siegmund, W. C	46.13
Siggins, E. L	495.05
Silverwood, Herbert	214.45
Simpson, H. H	70.95
Simpson, John H	432.63
Sims, W. A	16.68
Singleton, Henry	73.75
Skinner, Wm. A	810.45
Slocum, R. R	362.25
Smarzo, W. S	274.55
Smith, Edward M	138.60
Smith, F. M	75.35
Smith, Herbert M	16.71
Smith, L. C	124.30
Smith, N. B	308.75
Smith, S. M	622.38
Smith, W. A	3.65
Smith, W. B	41.75
Smith, W. G	90.40
Smith, Wm. H., jr	17.06
Snyder, Rudolph	666.82
Sommers, Frank	102.03
Somerville, Samuel, jr	1.15
Songer, Lee C	992.53
Sorrell, Warren	182.15
Sorrell, Walter	186.55
Sorensen, N. C	9.73
Speake, Edward O	525.43
Spencer, W. T	218.80
Spoon, J. P	91.17
Spindler, E. S	737.05
Squires, J. H	445.01
Stafford, R. J	4.10
Stauffer, J. A	805.15
Steddom, R. P	212.30
Steele, J. G	142.04
Stevenson, E. C	155.70
Stewart, W. J	145.31
Stine, B. L	92.77
Stone, R. E	$53.23
Stout, Edgar M	484.20
Stuart, Duncan	44.05
Stults, C. L	204.90
Sullivan, D. C	225.75
Talbot, Seth P	410.70
Teeple, G. R	35.80
Thom, Chas	115.06
Thomas, G. E	621.42
Thomason, Hugh	14.00
Thompson, Wm	420.65
Tiffany, J. B	47.70
Timberlake, T. O	68.50
Totten, Geo. E	735.27
Traum, Jacob	755.19
Treacy, R. H	1,475.71
Treeman, Fred B	44.56
Tremper, H. J	241.89
Treeloar, D. C	200.30
Tuck, R. W	11.50
Turner, Thomas J	216.28
Turlington, J. E	96.65
Upton, W. L	1,198.49
Van Allstyne, Wm. C	365.96
Vance, Arthur	168.60
Volgenau, E. L	8.27
Wagner, A. E	48.60
Wallace, W. A	132.17
Waller, H. N	255.37
Walter, Harry K	7.40
Ward, G. W	92.24
Warner, Dick E	255.21
Washburn, Henry J	130.37
Watters, S. A	271.66
Waugh, E. M	51.10
Webster, Ed. H	1,130.37
Welhe, Walter E	89.95
Weld, Ivan C	333.16
Wells, Levi	1,500.92
West, Laomer	526.37
Whitaker, Geo. M	583.36
White, B. D	969.66
White, Thomas	206.50
Wiley, M. C	309.30
Wilkes, R. W. A	166.00
Will, E. J	231.28
Williams, J. S	33.45
Williams, M. D	4.67
Williams, R. E	15.75
Willits, E. V	48.65
Wolf, Max	22.10
Wood, E. P	101.84
Woodward, B. T	9.00
Woollen, D. M	294.55
Wootton, Wm. C	15.14
Worcester, W. W	248.85
Worswick, R. C	228.55
Wray, W. H	405.99
Yager, E. P	152.75
Yard, W. W	170.07
Yenner, Wm	118.83
Young, John M	394.45
Zimmerman, Asa	11.30
Zink, C. H	473.10
Total	161,037.36

Total amount of appropriation, including $2,500 for rent	$812,200.00
Total expenditures under above groups	738,840.41
Unexpended balance	73,359.59
Repayments to credit of appropriation	53.62
Net unexpended balance	73,413.21

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry, 1907, $812,200."

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Storrs Experiment Station, Connecticut.	Cheese investigations	$3,876.30
University of Wisconsin, Madison, Wis.	Cheese investigations	3,281.62
University of Missouri, Columbia, Mo.	Milk secretion investigations	1,988.48
Rhode Island Agricultural Experiment Station.	Experiments regarding the nature, cause, and prevention of infectious entero-hepatitis in turkeys and other farm poultry.	510.99
Utah Agricultural Experiment Station.	Experiments for the purpose of studying the nature, cause, and treatment of "big head" in sheep.	83.85
Total		9,741.24

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (southern dairy work), 1907, $20,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Slater, H. N.	Expert in dairying, at $1,600	$1,071.10	$1,237.00
Ridgway, J. W.	Expert in dairying, at $1,000	958.34	989.19
Stuart, Duncan	Assistant in dairying, at $1,400	875.01	.....
Woodward, T. E.	Expert in dairying, at $1,200	236.67	130.52
Conover, John A.	Scientific assistant in dairying, at $900 and $1,200	1,025.00	886.85
Total		4,166.12	.....
Out of Washington.			
Barnes, S. E.	Expert in dairying, at $1,500, and assistant dairyman, at $1,600.	1,479.17	1,015.43
orman, J. E.	Expert in dairying, at $1,400, and assistant dairyman, at $1,600.	1,341.68	1,114.25
Moser, C. O.	Dairy expert, at $1,400, and assistant dairyman, at $1,400.	350.00	98.60
Rawl, B. H.	Dairy expert, at $1,400 and $1,600	1,458.34	.....
Risser, A. K.	Assistant dairyman, at $1,400	116.67	92.09
Woodward, T. E.	Assistant dairyman, at $1,200	100.00	.....
Lykes, H. P.	Agent in dairying, at $840	37.33	43.47
Michels, John	Collaborator, at $4 per diem	26.80	7.59
Total		4,909.99	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (southern dairy work), 1907, $20,000."

Name.	Amount.
Stationery.	
Yawman & Erbe Mfg. Co	$4.00
Miscellaneous supplies, etc.	
Barber Creamery Sup. Co	150.00
Burrell & Co., D. H	96.00
Topham, James S	51.70
Total, supplies, etc	297.70
Furniture.	
Thomas & Sons, R	57.10
Telegraph.	
Postal Telegraph Cable Co	1.68
Apparatus, instruments, and laboratory material.	
Barber Creamery Sup. Co., A. H	56.25
Feast & Co., H. D	174.15
Pullman, E. J	28.99
Apparatus, instruments, and laboratory material—Continued.	
Taylor, Taylor & Hobson	$29.09
Wagner Glass Works	12.44
Total	310.92
Travel and station and field expenses.	
Barnes, S. E	878.39
Conover, J. A	860.10
Dorman, J. E	1,044.42
Lykes, H. P	43.47
Michels, John	7.59
Moser, C. O	98.60
Rawl, B. H	1,742.82
Ridgway, J. W	977.17
Risser, A. K	92.09
Slater, H. N	1,237.09
Stuart, Duncan	596.21
Webster, Ed. H	182.53
Whitaker, Geo. M	99.88
Woodward, T. E	130.22
Total	7,980.88

Total amount of appropriation	$20,000.00
Total expenditures under above groups	17,728.39
Unexpended balance	2,271.61

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (diseases of domestic animals, Minnesota), 1907, $5,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Flocken, Chas. F	Assistant in bacteriology, at $1,800	$1,275.00	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (diseases of domestic animals, Minnesota), 1907, $5,000."

Name.	Amount.
Miscellaneous supplies, etc.	
Allen Bros	$7.90
Cotton, Chas. E	65.00
Kunz Oil Co	12.00
Miller, Frank	4.20
Russell, Edwin	3.00
State Experiment Station	6.00
State Live Stock Sanitary Board	41.94
Total	140.04
Furniture.	
New England Furniture and Carpet Co	35.33
Telephone.	
Northwestern Telephone Exchange Co	$3.40
Apparatus, instruments, and laboratory material.	
Noyes Bros. & Cutler	127.82
Travel and station and field expenses.	
Flocken, Chas. F	71.12
Mohler, John R	39.05
Total	110.17

Total amount of appropriation	$5,000.00
Total expenditures under above groups	1,691.76
Unexpended balance	3,308.24

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (diseases of domestic animals, Minnesota), 1907, $5,000."

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Minnesota Agricultural Experiment Station.	Investigations of the diseases known as hemorrhagic septicemia, infectious cerebro-spinal meningitis, and malignant catarrh.	$1,691.76

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (animal breeding and feeding), 1907, $25,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Buffum, B. C	Chairman of board to purchase sheep, at $10 per diem.	$40.00	$49.15
King, Francis S	Member of board to purchase sheep, at $10 per diem.	120.00	142.32
Carlyle, W. L	Expert in animal husbandry, at $1,000	1,000.00	132.42
Hammond, W. F	do	988.89	152.79
Kirkpatrick, Wm. F	Expert in animal husbandry, at $900	675.00	.....
Cole, Leon J	Expert in animal husbandry, at $700	408.34	.....
Duggar, J. F	Expert in animal husbandry, at $50 per month	150.00	10.34
Gowell, G. M	Expert in animal husbandry, at $600	600.00	.....
Curtice, Cooper	Expert in animal husbandry, at $500	20.83	1,033.21
Morton, Geo. E	do	352.77	480.38
Gaumanitz, Daniel A	Expert in animal husbandry, at $400	300.00	73.81
Gray, D. T	Expert in animal husbandry, at $300	225.00	48.51
Ward, W. F	Scientific assistant in animal husbandry, at $720	696.00	189.83
Armsby, Henry P	Expert in animal nutrition, at $1,000	1,000.00	83.39
Fries, J. August	Expert in animal nutrition, at $840	840.00	.....
Braman, Winfred W	do	840.00	.....
Christensen, F. W	Expert in animal nutrition, at $35 per month	420.00	.....
Hutton, James	Expert groom, at $1,200	1,200.00	.....
Peck, Cassius	Expert supervisor, at $300	75.00	.....
Kernachan, John S	Collaborator, at $100	99.99	.....
Desjadon, Simon	Laborer, at $40 per month	100.00	.....
Lee, Fred M	do	97.33	.....
Lee, W. T	do	97.33	.....
Kolbe, D. W	Laborer, at $37 per month	333.00	.....
Gilbert, L. C	Laborer, at $300	50.00	.....
Stannard, C. A	do	25.00	.....
Hughes, Ed. J	Laborer, at $3 per diem	33.00	.....
Hughes, James	do	37.50	.....
Cosgrove, C. J	Laborer, at $2 per diem	12.00	21.35
Cota, Charles	Laborer, at $1.50 per diem	43.50	.....
Cota, Henry	do	43.50	.....
Guyette, A. W	do	33.00	.....
Langworthy, C. G	do	27.00	.....
Moroney, T. F	do	51.00	.....
Pinney, J. W	do	14.25	.....
Sears, John	do	12.00	.....
Walker, H. C	do	51.00	.....
Woodworth, Guy C	do	45.00	.....
Yarter, Frank Y	do	19.50	.....
Walker, W. S	Laborer, at $1 per diem	4.00	.....
Total		11,180.73	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (animal breeding and feeding), 1907, $25,000."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Freight.*	
Allen, L. O	$58.20	Carlyle, W. L	$161.96
Bainbridge, C. N	3.95	Knox Express Co., Geo. W	10.00
Baldwin Sheep and Land Co	80.00	Pacific Express Co	430.70
Bissonett, F. W	609.75	Rutland R. R. Co	20.09
Butterfield Live Stock Co	80.00		
Carey, A. W	11.60	Total	622.65
Chapman Lumber Co	47.68		
Chapman, Max	150.00	*Telephone.*	
Cosgrove, C. J	29.23		
Dodge, L. B	10.05	Champlain Valley Telephone Co	13.93
Edmiston, Walter	36.00	New England Telegraph and Telephone Co	5.21
Elmer, John	40.98		
Farnsworth & Co., F. A	87.96	Total	19.14
Ferguson & Adsit Co	16.45		
Forbes Bros	112.00		
Given, G. C	12.00		
Greenacre Bros	1,043.98	*Apparatus, instruments, and laboratory material.*	
Harrison, A. S	200.00		
Hartswick, N	36.00		
Hinds & Son, E. D	35.00	Buttolph, J. E	255.00
Kidder, Tuce	47.00	Sheldon, W. N	2.79
Kimble, Chas. A	75.00		
King Bros. Co., F. S	375.00	Total	257.79
Lincoln, Dwight	200.00		
Moore, E. M	200.00		
Moore-Jackson Grain Co	488.10	*Travel and station and field expenses.*	
Orvis, J. H	113.50		
Robinson Edwards Lumber Co	360.00	Bell, G. A	1,145.71
Rogers & Wells	20.35	Boss, Andrew	92.47
Ryder, E. C	15.00	Buffum, B. C	40.15
Seeley, John H	90.00	Carlyle, W. L	132.42
Stewart, John M	100.57	Cosgrove, C. J	21.35
Taylor, Robert	600.00	Farley, F. A	44.11
Thomas, E. H	373.35	Gaumnitz, D. A	73.81
Thomas & Weeks	116.20	Gray, D. T	48.51
Towle & Co., J. C	399.71	Hammond, H. J	30.83
Troub, H. F	42.00	Hammond, W. F	152.79
Vermont Agricultural Experiment Station	1,471.70	King, F. S	142.32
White, C. F	695.00	Morton, Geo. E	490.35
Wood & Sons, A. A	400.00	Rommel, Geo. M	502.90
		Ward, W. F	189.83
Total	8,883.31	Total	3,106.58

Total amount of appropriation	$25,000.00
Total expenditures under above groups	24,070.20
Unexpended balance	929.80

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Animal Industry (animal breeding and feeding), 1907, $25,000."

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Pennsylvania Experiment Station	Animal nutrition investigations	$3,199.95
Maine Experiment Station	Poultry breeding	1,000.00
Vermont Experiment Station	Morgan-horse breeding	2,384.89
Rhode Island Experiment Station	Turkey breeding	1,487.17
Colorado Experiment Station	Carriage-horse breeding	4,111.45
Minnesota Experiment Station	Breeding Shorthorn cattle	512.96
Wyoming Experiment Station	Range-sheep breeding	4,684.08
Total		17,330.41

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Houck, U. G.	Associate chief of division, at $2,500	$1,972.22	$225.36
Behnke, Albert E	Associate chief of division, at $2,000 and $2,500	1,202.78	103.59
Wooden, Morris	Assistant chief of division, at $2,000 and associate chief of division, at $2,500.	1,869.45	
Smith, Wm. H., jr	Veterinary inspector, at $1,800 and $2,000	764.44	644.89
Woodward, B. T.	Veterinary inspector, at $1,400	132.23	9.00
Stafford, Rosslyn J	Veterinary inspector, at $1,200 and $1,400	383.33	35.35
Chapin, Robt. M	Assistant chemist, at $1,200	453.33	
Roop, Archer H	do	400.00	56.25
Castleman, Philip	Scientific assistant, at $840, and assistant chemist, at $1,200.	820.00	
Smith, William B	Scientific assistant, at $1,000	7.78	139.40
Miller, Samuel M	Meat inspector, at $1,000, and clerk, at $1,000	627.78	38.55
Mink, Wm	Inspector of meat products, at $1,000, and meat inspector, at $1,200.	878.78	
Valaer, Peter, jr	Expert assistant, at $840	648.67	
Ingersoll, Edwin H	Laboratory helper, at $840	245.00	
Gerdes, H. H	Clerk, at $1,800	915.00	
Goodpasture, C. O	do	1,425.00	
Abel, Joseph	Clerk, at $1,600	333.33	
Evans, I. C. I	do	1,600.00	
Pew, I. W	Clerk, at $1,600 and $1,800	1,633.33	
Davis, Alfred C	Clerk, at $1,400	1,030.56	
Fravel, F. R	do	1,400.00	
Gregory, F. N	do	1,400.00	
Keleher, P. J	do	633.90	
Lyons, Evelyn	do	1,400.00	
Peffers, Harry B	do	1,022.78	
Sullivan, Mary	do	1,400.00	
Watson, H. L.	do	1,069.44	53.25
Young, George D	do	960.56	44.45
Bennett, E. A.	Clerk, at $1,200	786.67	
Browning, A. J	Clerk, at $720 and $1,200	310.00	
Cartan, Margaret S	Clerk, at $1,200	800.00	
Corey, Chas. R.	do	686.67	
Fegan, H. J	Clerk, at $1,200, and clerk, stenographer, and typewriter, at $1,400.	441.67	
Gates, Otis H.	do	441.67	
McGinty, George B	do	941.67	149.65
Marshall, Mary G	Clerk, at $1,200	1,200.00	
Schuman, Charles	do	900.00	117.75
Scribner, Le Roy	do	1,200.00	
Towberman, Wm. L	do	103.34	
Wasdon, B. G.	do	1,200.00	
White, H. C.	do	596.67	
Anderson, M. N	Clerk, at $1,000	758.33	
Bell, Mary E	do	230.56	
Griffith, T. E	do	525.00	
Harris, A. E	do	430.56	34.00
Jacobs, Harry C	do	183.34	
Julian, George M	do	163.89	
King, James L	do	83.34	21.65
Kling, Marcus W	do	766.67	
Richardson, Wm. T	do	916.67	
Stein, S. B	do	680.55	
Tomlinson, W. F	do	791.67	
Bingman, Harry	Clerk, at $900	427.50	
Brauner, Adolph	do	400.00	
Hatchitt, Nina	do	447.50	
Lipp, Paul H	do	445.00	
Sammis, E. C	do	562.50	
Simpson, John M	do	692.50	
Cunningham, S. H	Clerk, at $840	326.67	
Field, James E	do	35.00	
Griswold, Grace	Clerk, at $840 and $1,000	753.34	
Feild, Jennie E	Clerk, at $720	540.00	
Floyd, P. B	do	552.00	
Healey, Bessie M	Clerk, at $720 and $900	545.00	26.70
Lane, Jennie M	Clerk, at $720	270.00	
Le Flohic, George	Clerk, at $720 and $900	558.50	
Lucas, Ethel	Clerk, at $720	540.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Parkinson, E. F	Clerk, at $720	$450.00	
Puette, Grace	Clerk, at $720 and $900	605.50	$31.35
Sullivan, Etta M	Clerk, at $600	225.00	
Wright, Alice J	do	235.00	
Wagner, Harvey	Clerk, stenographer, and typewriter, at $1,000	286.11	
Flavin, Philip T	Clerk, stenographer, and typewriter, at $900	300.00	
Alexander, Emma C	Clerk, stenographer, and typewriter, at $840	35.00	
Block, Theodore	do	224.00	
Phillips, Cecilia D	do	107.33	
McFarland, Hattie B	Clerk, stenographer, and typewriter, at $480	40.00	
Burruss, R. P	Bookkeeper, at $100 per month	200.00	
Jensen, John	do	200.00	
Perry, Clarence A	Clerk (bookkeeper), at $1,000	436.11	
Neis, C. J	Clerk-typewriter, at $900	360.00	
Hughes, Geo. H	Clerk-typewriter, at $840	294.00	46.20
Brookington, Bernard	Carpenter, at $4 per diem	52.00	
Cross, J. C	do	100.00	
Scott, James	do	112.00	
White, Edward	do	118.00	
Cookman, Chas. L	Carpenter, at $3.50 per diem	49.00	
Shipley, Geo. J	do	474.25	
Maloy, Edward J	Messenger and custodian, at $1,200	900.00	
Crompton, Harry	Messenger, at $840	627.67	
Stedman, R. G	Messenger, at $720	162.00	
Eldridge J. E	Messenger, at $360	304.00	
Jump, W. A	do	48.00	
Long, H. P	do	309.00	
Moore, Grover E	Messenger, at $360 and $480	290.67	
Travers, C. E	Messenger, at $360	276.00	
Wilmeth, John F	Messenger, at $360 and $480	297.33	
Holliday, A. H	Skilled laborer, at $900	712.50	
Wesley, Chas	Skilled laborer, at $600	300.00	
Myers, William	Unskilled laborer, at $1.50 per diem	32.25	
Neale, Alfred	do	44.25	
Nelson, Edward	do	41.25	
Parker, Edward	do	1.50	
Beach, Freddie	Charwoman, at $240 and $480	160.00	
Total		58,272.86	
Out of Washington.			
Wray, W. H	Veterinary inspector, at $12.50 per diem, and $4,000.	4,058.33	
Bennett, S. E	Veterinary inspector, at $2,500, $2,750, and $3,000.	2,708.33	296.07
Heddes, Tooie A	Veterinary inspector, at $2,500	1,250.00	
Houck, U. G	do	527.78	
Rose, W. H	Veterinary inspector, at $2,250	2,250.00	138.37
Ayer, Don C	Veterinary inspector, at $2,000 and $2,500	2,083.33	90.00
Baker, Lewis R	do	2,083.33	132.76
Ryder, J. F	Veterinary inspector, at $2,000, $2,250, and $2,500.	2,250.00	562.50
Brougham, James J	Veterinary inspector, at $1,800 and $2,250	1,875.00	272.05
Clancy, J. B	Veterinary inspector, at $1,800, $2,000, and $2,250.	2,008.33	256.11
Schaufler, Chas. A	do	1,991.66	521.52
Baker, Geo. S	Veterinary inspector, at $1,800 and $2,000	1,942.23	759.70
Burt, S. W	do	1,833.34	50.25
Metsker, Louis	do	1,178.34	
Sorensen, Niels C	do	1,833.34	139.53
Waller, Harry N	do	1,966.67	484.53
Johnston, James	Veterinary inspector, at $1,800	1,800.00	
Richardson, A. G. G	do	215.00	35.67
Smith, Nathaniel B	do	55.00	
Ditewig, George	Veterinary inspector, at $1,600, $1,800, and $2,250.	1,858.33	1,136.77
George, Harrison H	do	1,849.44	216.27
Johnson, G. A	do	1,775.00	135.04
Ketchum, Frank D	do	1,841.66	109.34
Mattatall, Ira C	do	1,849.99	1,717.88

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Beechy, Levi P	Veterinary inspector, at $1,600, $1,800, and $2,000.	$883.34	.....
Faville, Geo. C	do	1,733.34	$117.85
Hess, Orlando B	do	1,800.00	662.23
Huelsen, Julius	do	1,800.00	299.24
Schaffter, Edward P	do	1,800.00	236.12
Townsend, N. L	do	1,416.68	.....
Wende, Bernhard P	do	1,800.00	200.83
Behnke, Albert E	Veterinary inspector, at $1,600 and $1,800	683.33	.....
Bond, Geo. A	do	833.33	.....
Fleming, James	do	1,733.33	7.30
Hedrick, H. A	do	1,733.33	152.96
Howe, Walter E	do	416.66	4.05
Lanigan, O. J	do	1,700.00	.....
Lavery, William F	do	1,650.00	59.98
McBirney, John	do	1,015.56	83.06
McFarland, Claude K	do	1,014.45	.....
Thompson, Wm	do	1,275.00	.....
Eells, Frank C	Veterinary inspector, at $1,600	520.00	.....
Fleming, William R	do	400.00	.....
Fretz, Warren J	do	675.00	.....
Hamilton, Robt. H	do	266.67	.....
Smith, Wm. H., jr	do	933.33	.....
Pistor, A. J	Veterinary inspector, at $1,500, $1,800, and $2,250.	1,837.50	1,440.64
Abel, Louis	Veterinary inspector, at $1,500, $1,600, $1,800, and $2,000.	1,708.34	115.80
Ainsworth, F. W	do	1,658.06	114.00
Bertram, Eli L	Veterinary inspector, at $1,500, $1,800, and $2,000.	1,796.67	554.75
Blackwell, John E	Veterinary inspector, at $1,500, $1,600, $1,800, and $2,000.	1,716.68	113.55
Brown, H. E	do	1,666.68	160.06
Busman, H	do	1,700.01	143.05
Butler, Geo. W	Veterinary inspector, at $1,500, $1,800, and $2,000.	1,796.67	220.01
Casper, A. M	Veterinary inspector, at $1,500, $1,600, $1,800, and $2,000.	1,708.34	68.35
Cloud, Joel E	do	1,594.45	25.25
Darling, Robert	do	1,716.68	310.30
Day, Charles M	Veterinary inspector, at $125 per month, $1,600, $1,800, and $2,000.	1,708.34	50.30
Deming, Charles W	Veterinary inspector, at $1,500, $1,800, and $2,000.	983.34	.....
De Wolf, F. L	Veterinary inspector, at $1,500, $1,600, $1,800, and $2,000.	1,716.68	79.15
Dowd, Edward P	do	1,666.68	79.90
Green, L. K	do	1,716.68	154.38
Irons, Geo. T	do	1,666.68	64.50
Kelly, James S	do	1,716.68	100.25
Long, Albert	do	1,666.68	112.29
Martins, Alfred F	do	1,683.34	178.23
Miller, Joshua	Veterinary inspector, at $1,500, $1,800, and $2,000.	1,683.34	93.93
Neil, Wesley N	do	1,783.34	182.12
Rishel, Albert E	do	1,783.34	288.15
Scott, Thomas W	Veterinary inspector, at $1,500, $1,600, $1,800, and $2,000.	1,666.68	88.29
Shipley, T. A	do	1,716.68	138.24
Wallace, A. H	Veterinary inspector, at $1,500, $1,800, and $2,000.	1,702.78	352.95
Anderson, M. O	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,650.00	41.16
Armstrong, Thos. L	Veterinary inspector, at $1,500, and $1,800	1,211.67	1.45
Atherton, I. K	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,683.34	35.60
Atherton, O. G	do	1,683.34	55.10
Babcock, Henry C	do	1,625.00	.....
Baldwin, Boyd	do	1,675.00	.....
Bird, W. N. D	do	1,633.34	49.77
Boyce, Nelson V	do	1,625.00	79.55

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry. 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Braginton, Frederick	Veterinary inspector, at $1,500, and $1,800	$1,650.00	$31.25
Brister, Henry	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,048.34	
Bugbee, Clinton H	do	1,616.67	
Carnachan, Thomas W	do	1,658.33	64.90
Castor, Thomas	do	1,675.00	33.80
Chaney, Herbert B	do	1,629.17	220.75
Cooper, Dean G	do	1,641.66	
Cooper, W. Ross	do	1,675.00	
Davies, C. H	do	1,666.67	
Day, L. Enos	do	1,683.34	219.90
Eagle, R. F	do	1,616.67	87.80
Fegley, Nathan K	do	1,675.00	90.95
Grove, John S	do	1,625.00	47.60
Harrison, Robt. H	do	1,666.67	23.37
Hawley, H. W	do	990.00	
Hayes, John J	do	1,500.00	52.92
Hendren, Samuel G	do	1,650.00	
Hope, J. G	do	1,641.66	44.35
Hopkins, Fred W	do	1,158.34	
Hopper, John B	do	1,675.00	
Howes, Benjamin	do	1,666.67	65.43
Hynes, William R	do	1,500.00	
Johnson, Raymond	do	1,633.34	87.56
Lantz, M. S	do	1,375.00	
Lincoln, Willis B	do	1,023.89	291.37
McBride, Archibald	do	1,683.34	8.75
McCurdy, Frank C	do	1,625.00	
Mead, Rolla H	do	1,633.34	41.28
Meadors, W. H	do	1,290.56	226.25
Miller, Chester	do	1,633.34	119.05
Miller, Monroe B	do	1,625.00	
Morrison, Robt. J	do	1,625.00	9.25
Mullowney, Patrick H	do	1,454.16	.50
Murphy, B. W., jr	do	1,625.00	
O'Leary, John P	do	1,683.34	18.84
Otterman, James L	do	1,625.00	1.95
Palmer, Chas. F	do	1,633.34	330.74
Patton, D. W	do	852.78	172.40
Paxson, H. D	do	1,675.00	
Price, John O. F	do	1,258.34	
Robinson, Louis A	do	1,293.34	18.47
Roome, Henry	do	1,585.41	312.24
Shumway, Daniel G	do	1,633.34	141.90
Siegmund, Wm. C	do	1,657.78	120.73
Smith, Herbert M	do	1,638.34	407.12
Snyder, O. W	do	1,683.34	28.65
Sparhawk, Wm. T	do	1,625.00	59.69
Stevens, Fred L	do	1,625.00	124.74
Swedberg, A. W	do	1,679.17	
Thackaberry, Jos. J	do	1,650.00	61.28
Thompson, Harry Q	do	1,658.33	137.94
Tuck, Richard W	do	1,625.00	91.77
Turnbull, Robert	do	1,633.34	
Walter, Harry K	do	1,633.34	132.13
Ward, Edward K	do	1,638.34	65.10
White, Thomas	Veterinary inspector, at $1,500 and $1,800	950.00	
Wight, Alex. E	Veterinary inspector, at $1,500, $1,600, and $1,800.	1,308.33	
Worcester, W. W	do	1,625.00	266.85
Wright, John B	do	1,625.00	30.68
Bruette, W. A	Veterinary inspector, at $1,500 and $1,600	490.00	
Dillingham, W. I	do	468.33	
Greene, Theodore T	do	1,050.00	
Ryder, Herman R	do	867.78	19.67
Volgenau, Ernest L	do	370.00	8.27
Ball, Harry M	Veterinary inspector, at $1,500	654.17	
Caldwell, Herbert	do	237.50	
Day, Wm. E	do	433.33	
Ellenberger, W. P	do	62.50	838.60

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Hancock, H. J	Veterinary inspector, at $1,500	$1,175.00	
Hayes, Wm. R	do	125.00	
Jackson, R. E	do	125.00	$495.34
Loveberry, Clarence	do	137.49	4.50
Murphy, W. J	do	125.00	
Joss, E. C	Veterinary inspector, at $1,400, $1,800, and $2,000	1,533.34	479.40
Montague, J. W	do	1,533.34	125.95
Andress, Wm. R	Veterinary inspector, at $1,400, $1,600, and $1,800	1,390.00	
Barnhart, Chas W	Veterinary inspector, at $1,400 and $1,800	1,500.00	
Benner, Willis G	do	1,500.00	86.30
Burneson, J. C	do	1,500.00	37.35
Burnett, D. Clifton	Veterinary inspector, at $1,400, $1,600, and $1,800	1,599.99	136.08
Cochrane, Robt. E	Veterinary inspector, at $1,400 and $1,800	1,472.77	11.58
Crossman, Edgar A	Veterinary inspector, at $1,400, $1,600, and $1800	1,550.00	73.75
Dell, Harry H	Veterinary inspector, at $1,400 and $1,800	1,500.00	47.91
De Ronde, John D	do	1,492.22	48.62
Durfee, Clarence O	Veterinary inspector, at $1,400, $1,600, and $1,800	1,616.67	20.93
Eagle, Thomas J	do	918.33	
Eckl, Wm	Veterinary inspector, at $1,400 and $1,800	1,500.01	
Fotheringham, Wm	do	1,500.00	78.93
Gillies, Duncan R	Veterinary inspector, at $1,400, $1,600, and $1,800	1,600.00	27.65
Grundy, Geo. G	Veterinary inspector, at $1,400 and $1,800	1,500.00	
Hollenbeck, John B	Veterinary inspector, at $1,400, $1,600, and $1,800	1,616.66	30.15
Huntington, F. W	Veterinary inspector, at $1,400 and $1,800	1,600.00	99.07
Hyde, Andrew	do	1,500.00	.95
Jay, Robert	do	1,499.98	37.99
Jerome, Geo	do	1,500.00	24.62
Kanstoroom, D. S	do	1,500.00	
Keppel, John	do	1,500.00	1.30
Krowl, Isaac N	Veterinary inspector, at $1,400, $1,600, and $1,800	1,274.99	
Leeper, Robt. B	Veterinary inspector, at $1,400 and $1,800	1,500.00	
Luks, A. E	do	1,500.00	36.14
McHugh, Wm. O	do	1,500.00	24.74
Madsen, Jens	do	1,500.00	
Mahon, James	do	1,500.00	33.88
Morrow, Chas. J	Veterinary inspector, at $1,400, $1,600, and $1,800.	1,599.99	46.35
Niles, Edwin P	Veterinary inspector, at $1,400 and $1,800	1,500.00	
Niven, Andrew B	do	1,500.00	27.73
Owen, F. D	Veterinary inspector, at $1,400, $1,600, and $1,800.	992.22	
Painter, Geo. D	Veterinary inspector, at $1,400 and $1,800	1,499.99	92.85
Perry, Milton T	do	1,500.00	32.68
Pote, Thomas B	Veterinary inspector, at $1,400, $1,600, and $1,800.	1,600.00	16.45
Powell, Norman C	Veterinary inspector, at $1,400 and $1,800	1,500.00	9.95
Reidy, John B	do	1,500.00	57.33
Rich, Theodore S	do	1,033.34	
Richmond, Xavia I	do	1,500.00	
Roe, John F	do	1,500.00	
Sappington, Morey A	do	1,500.01	67.85
Shaw, Silas L	do	1,500.00	
Slee, John G	Veterinary inspector, at $1,400, $1,600, and $1,800.	1,566.67	
Sloan, John A	Veterinary inspector, at $1,400, $1,500, $1,600, and $1,800.	1,575.00	124.90
Stingley, Orville A	Veterinary inspector, at $1,400 and $1,800	1,500.00	24.20
Sturges, Frank P	do	1,500.00	30.59
Suit, F. T	do	1,500.01	29.17
Thomas, R. H	do	1,500.00	119.20
Timmerman, Herman J	do	1,500.00	
Trenbeth, Wm. B	do	1,029.45	
Walls, Alexander C	do	1,500.00	79.43
Winant, Frank I	do	1,500.00	97.30
Wootton, Wm. C	do	1,500.01	37.46
Bailey, Alfred L	Veterinary inspector, at $1,400 and $1,600	792.78	
Boazman, James B	do	866.67	
Hays, Daniel S	do	1,450.00	
Ruth, Adolph	do	1,100.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Weihe, Walter E	Veterinary inspector, at $1,400 and $1,600	$1,112.21	
West, Laomer	Veterinary inspector, at $1,400, $1,600, and $1,800.	1,458.88	$526.37
Wiley, Morris C	Veterinary inspector, at $1,400 and $1,600	864.44	
Barnhart, Emmett, P	Veterinary inspector, at $1,400	62.22	7.85
Bontrager, Chas. F	do	62.22	
Buck, John M	do	62.22	8.00
Cox, Walter P	do	54.44	
Dean, Arlton K	do	132.23	
De Fosset, Albert J	do	62.22	4.40
Everly, Ora W	do	610.55	
Fitzpatrick, A. C	do	1,400.01	
Gallagher, B. A	do	408.32	
Grimes, Robert B	do	350.00	
Hadley, Fred B	do	62.22	6.27
Haworth, Frank E	do	81.67	
Hela, Hannes	do	1,011.11	
Herrold, Wm. C	do	62.22	6.00
Holzman, W. R	do	42.78	
Kellog, Clarence F	do	42.78	
Laddey, John V	do	66.11	
Loffer, Solomon F	do	350.00	
McClelland, Robt. L	do	699.98	32.55
Myers, Harry H	do	62.22	
Nighbert, E. M	do	392.78	
Payne, Charles F	do	62.22	13.55
Pease, Edwin H	do	81.67	
Purcell, John T	do	186.67	
Raque, Charles A	do	245.00	443.22
Rhoades, Marion H	do	350.00	
Rogers, Arthur B	do	81.67	17.15
Sowers, Harry S	do	81.67	10.00
Thrower, John D	do	276.12	
Trone, Winson O	do	62.22	5.35
Bower, Walter C	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,467.79	67.65
Bullock, Alfred D	Veterinary inspector, at $1,200, $1,600, and $1,800.	1,333.33	68.89
Cooper, J. D	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,483.34	
Elliott, Clarence L	do	1,483.33	
Gibbs, W. H	Veterinary inspector, at $1,200 and $1,800	923.33	3.00
Hirleman, Arden L	Veterinary inspector, at $1,200, $1,400, $1,600, and $1,800.	1,466.67	154.20
Keane, Jos. S	Veterinary inspector, at $1,200, $1,600, and $1,800.	1,370.00	39.20
Knorr, George W	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,483.34	31.40
Lewis, Walter K	Veterinary inspector, at $1,200, $1,400, $1,600, and $1,800.	1,442.23	
Logan, Albert H	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,475.00	22.95
McKeown, Thomas H	Veterinary inspector, at $1,200, $1,500, and $1,800.	1,400.00	193.55
Mauldin, C. E	Veterinary inspector, at $1,200, $1,600, and $1,800.	673.33	
Myer, Elisha	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,483.34	131.40
Otis, George M	Veterinary inspector, at $1,200, $1,400, $1,600, and $1,800.	1,433.88	30.43
Repp, Geo. E	Veterinary inspector, at $1,200, $1,600, and $1,800.	1,333.33	49.60
Selby, Stephen A	Veterinary inspector, at $1,200, $1,400, $1,600 and $1,800.	1,383.33	89.55
Stuart, James T	Veterinary inspector, at $1,200, $1,400, and $1,800.	1,575.00	25.50
Yingst, Walter H	do	1,483.34	
Anglicker, Jacob	Veterinary inspector, at $1,200 and $1,600	1,113.33	
Babson, S. C	do	836.67	
Baker, Howard	do	1,299.99	24.20
Balmer, Wm. N	do	1,300.00	40.68
Bender, John E	do	1,293.33	28.50

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Blount, Stephen L.	Veterinary inspector, at $1,200, $1,400, and $1,600.	$1,433.34	$99.93
Brady, Patrick J.	Veterinary inspector, at $1,200 and $1,600	1,300.00	49.50
Bundy, Edward A.	Veterinary inspector, at $1,200, $1,400, and $1,600.	983.33	.....
Carle, Edward C.	Veterinary inspector, at $1,200 and $1,600	900.00	.....
Cherrington, K. G.	do	1,300.00	41.75
Cock, James H.	do	1,053.33	.....
Cohenour, Wm. L.	do	1,300.00	.....
Conway, Wm. T.	Veterinary inspector, at $1,200, $1,400 and $1,600.	1,366.67	.....
Cummins, W. M.	Veterinary inspector, at $1,200 and $1,600	700.00	.....
Davenport, Miles L.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,349.45	.....
Drake, Francis B.	Veterinary inspector, at $1,200 and $1,600	1,277.78	.....
Eagle, John G.	do	1,300.00	107.10
Farley, Abraham J.	do	1,300.00	15.60
Faunce, A. L.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,283.33	101.81
Goff, Wesley M.	Veterinary inspector, at $1,200 and $1,600	1,300.00	41.25
Graham, Ralph	Veterinary inspector, at $1,200, $1,400, and $1,600.	749.45	.....
Gregory, Marvin.	Veterinary inspector, at $1,200 and $1,600	1,300.00	29.55
Heldring, J. J. L.	do	1,299.99	100.64
Herrold, Charles H.	do	1,300.00	.....
Hollis, Alfred B.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,353.33	.....
Holm, R. E.	Veterinary inspector, at $1,200 and $1,600	1,300.00	.....
Isaac, Moses.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,433.34	.....
Johnston, C. A.	Veterinary inspector, at $1,200 and $1,600	1,293.33	.....
Jones, Thomas A.	do	1,300.00	.....
Kampschmidt, F. L.	do	1,300.00	.....
Knowles, Adam T.	do	996.67	.....
Licking, Lewis A.	do	1,300.00	25.10
Lint, Hilton C.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,433.34	39.09
Mitchell, W. Clyde.	Veterinary inspector, at $1,200 and $1,600	971.67	65.45
Murphy, Michael J.	do	1,246.67	1,030.85
Owens, Irvin.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,425.00	.....
Parkerson, C. A., jr.	do	1,283.33	43.77
Partlan, Thos. S.	Veterinary inspector, at $1,200 and $1,600	1,300.00	.....
Perkins, C. R.	do	1,300.00	20.97
Quinn, Patrick E.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,433.34	33.03
Raban, Robert M.	do	1,366.67	33.07
Rapp, Chas. A.	Veterinary inspector, at $1,200 and $1,600	1,300.00	.....
Reber, Abram N.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,073.89	.....
Rosekrans, Wm. R.	Veterinary inspector, at $1,200 and $1,600	1,300.00	38.77
Sevenster, John.	do	1,284.44	17.25
Smart, J. J.	do	1,300.00	129.59
Stephens, Russell A.	do	1,300.00	.....
Stewart, Charles A.	do	870.00	213.14
Thomas, Reginald.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,152.22	14.80
Veldhuis, Zachary.	Veterinary inspector, at $1,200 and $1,600	1,300.00	.....
Wagoner, C. Otto.	Veterinary inspector, at $1,200, $1,400, and $1,600.	1,350.00	47.67
West, William L.	do	1,093.90	381.58
Woolfolk, George H.	do	1,283.33	34.90
Woollen, D. Murton.	do	883.33	.....
Alexander, E. V.	Veterinary inspector, at $1,200 and $1,400	216.67	.....
Allen, Frank T.	do	1,250.00	211.00
Anderson, Fred N.	do	1,133.33	19.32
Atherton, Wm. T.	do	1,250.00	28.58
Aufente, John R.	do	1,040.00	5.25
Bair, Henry H.	do	780.00	.....
Baldwin, C. R.	do	1,053.33	.....
Bann, Edwin.	do	1,150.00	.....
Barr, Albert C.	do	1,033.34	22.50
Barthold, E. W.	do	1,250.00	26.00
Bennett, Edwin B., jr.	do	1,250.00	.....
Berdan, Augustus.	do	533.33	.....
Bond, Stanley L.	do	1,150.00	12.70
Breckenridge, W. K.	do	703.33	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Brinkamp, Frank F	Veterinary inspector, at $1,200 and $1,400	$405.00	
Brock, Ralph O	do	926.67	$55.44
Bromell, George W	do	1,250.00	
Buckner, Geo. W	do	766.67	
Burt, James H	do	1,250.00	
Bushong, J. P	do	916.67	
Butin, George E	do	1,250.00	175.25
Caldwell, G. R	do	896.67	
Calph, Edward J	do	1,236.67	83.60
Cater, Fred C	do	354.99	
Caughey, James B	do	766.67	
Chambers, Edgar	do	933.33	
Chase, Jesse M	do	1,083.33	
Clark, Clarence W	do	933.33	
Clement, Chas. B	do	1,050.00	18.35
Clements, Ralph L	do	950.00	17.30
Coffy, Joseph P	do	665.00	
Cole, Clarence G	do	1,196.67	
Coleman, Arthur T	do	901.11	
Collins, Frank H	do	946.67	
Collins, Horace R	do	766.67	21.25
Colson, Charles F	do	1,250.00	6.55
Cook, Stanley C	do	1,086.67	
Copithorn, Harry K	do	493.33	
Courtright, Wm. W	do	940.00	
Cowles, E. M	do	926.67	
Cullen, David	do	726.67	44.29
Daughtrey, Geo. H	do	348.33	
Davis, Wm. F	do	1,043.33	21.85
Davitt, Michael H	do	963.33	11.15
Deuell, Bert	do	963.33	
Dickey, Elvon S	do	1,150.00	
Dingley, Ernest C	do	950.00	
Doak, H. T	do	885.33	17.30
Eadie, John A	do	770.00	
Eagle, Alexander F	do	993.33	324.19
Eagle, William W	do	1,216.66	13.85
Echols, Byron C	do	706.66	
Ellis, James E	do	686.67	
English, Andrew	do	1,196.67	
Evans, Calvin S	do	933.33	
Fahey, John F	do	1,176.67	60.90
Fauteck, L. R	do	950.00	8.65
Fess, F. J	do	1,250.00	11.75
Fetter, Geo. E	do	933.34	42.22
Flaherty, George F	do	486.66	
Foster, Frank L	do	1,150.00	
Foster, John V	do	1,246.67	19.00
Franks, Joseph W	do	1,133.33	16.55
Gallagher, Francis L	do	1,087.22	
Gallagher, Peter J	do	928.34	
Games, William M	do	1,250.00	
Gilchrist, W. D	do	1,250.00	13.10
Giltner, Leigh T	do	1,250.00	
Glaisyer, W. V	do	331.67	
Gordon, Waldron M	do	1,250.00	
Goubeaud, Geo. J	do	468.33	
Grace, Wm. A	do	438.34	
Greeder, Herman	do	236.67	
Guillaume, Michael	do	1,150.00	
Hackett, C. N	do	706.67	
Hackler, Henry D	do	950.00	
Hahn, Frank G	do	873.33	
Hart, Carroll P	do	1,250.00	
Hartman, John D	do	725.00	
Henneberger, W. B	do	1,246.67	
Henry, Michael F	do	1,133.33	
Hill, J. Bryan	do	666.67	
Hills, John V	do	893.33	
Hoberg, John	do	1,250.00	
Huff, Logan B	do	476.66	78.86

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Hughes, Albert N	Veterinary inspector, at $1,200 and $1,400	$338.34	
Hunt, Fred W	do	427.22	
Hunter, William R	do	923.33	$27.76
Huth, Otto J	do	200.00	
Igoe, Edward J	do	1,100,00	
Imler, F. A	do	1,243.33	
Iverson, J. P	do	886.67	
Ives, Leland D	do	963.33	
James, John Alvin	do	963.33	
James, Philip M	do	946.67	26.19
Jameson, Edward F	do	1,150.00	
Jelen, Frank	do	1,250.00	196.10
Jerome, Chas. A	do	143.34	
Jones, Thomas B	do	266.67	
Jones, Thomas H	do	1,250.00	2.50
Joss, Jesse W	do	886.67	11.05
Kean, Thos. J	do	950.00	
Kennedy, E. D	do	716.67	74.90
Kickbusch, Frank O	do	656.67	
Knowles, Virgil W	do	236.67	
Koen, Albert R	do	1,250.00	46.32
Krause, Clarence A	do	920.55	
Lacy, Walter J	do	1,122.77	74.85
Ladson, Thomas A	do	1,100.00	33.57
Leininger, Daniel B	do	1,150.00	
Leonard, Harry B	do	1,250.00	24.25
Lindburg, O. Enoch	do	1,246.67	45.60
Little, Elbert W	do	1,200.00	
Livers, Roy C	do	1,246.67	26.10
Loth, Henry	do	926.67	
Lundell, Alvin O	do	1,250.00	4.58
Lyon, William A	do	986.67	
McCarthy, Thos. A	do	1,016.66	
McCauley, Robert A	do	1,250.00	
McCray, Willis E	do	1,250.00	
McEachran, Wm.	do	1,250.00	75.60
Madson, Wm. E	do	1,250.00	
Maloney, Alfred J	do	1,133.33	98.27
Mansfield, Chas. M	do	166.67	
Marquardt, S. J	do	450.00	
Martin, James I	do	766.67	
Mason, W. D	do	921.67	
Mawer, George C	do	920.00	19.90
Mayer, Oliver C	do	483.33	
Mayes, James M	do	1,200.00	
Megary, Jos. N., jr	do	893.33	
Merry, Albert E	do	433.33	
Meyer, Philip F. R	do	1,050.00	16.95
Michael, Leo. B	do	1,103.33	
Middleton, Wm. G	do	583.33	33.40
Miner, George H	do	1,250.00	
Minge, Benj. O	do	750.00	20.00
Mullings, Robt. M	do	960.00	
Murdock, Dawson C	do	1,246.67	
Neff, George W	do	686.67	
Nelligan, Walter	do	827.22	
Nelson, Conrad L	do	993.33	
Nelson, Oscar	do	890.00	
Newberg, Geo. C	do	1,150.00	10.05
Newton, Howard M	do	1,246.67	135.05
O'Donoughue, John	do	576.67	
Oldaker, Emery E	do	607.22	
Palmer, L. I	do	910.00	63.90
Peabody, Horace C	do	739.44	
Pfaffman, Geo. A	do	978.34	
Pollard, Wm. S	do	1,063.33	34.07
Potratz, Henry F	do	1,068.34	
Potter, Geo. M	do	437.78	
Potts, Fred W	do	943.33	
Predmore, G. M	do	316.67	
Proper, L. J	do	882.22	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Renter, Walter W	Veterinary inspector, at $1,200 and $1,400	$118.89	
Rice, Robt. G	do	963.33	
Riddell, Theodore W	do	613.33	
Roadhouse, Chester L	do	1,150.00	$25.70
Robbins, Hartwell	do	756.12	
Rodibaugh, Alfred B	do	926.67	
Rodibaugh, Samuel J	do	715.00	
Rosenberger, Guy W	do	933.33	
Roser, Joseph F	do	780.00	
Rothermel, Robt. O	do	801.67	36.87
St. Clair, Frank P	do	1,246.67	11.00
Sallade, James W	do	705.56	
Saunders, Fred	do	950.00	
Schaefer, Edward H	do	1,200.00	
Schmidt, John P	do	923.33	17.93
Scott, Preston B	do	1,068.33	
Seitz, Elmer E	do	748.33	
Selby, Joseph V	do	903.33	
Shale, Harvey L	do	1,243.34	23.25
Shaw, Edgar B	do	926.67	
Simpson, Wm. H	do	933.33	
Singleton, Henry	do	750.00	
Skidmore, Don I	do	1,250.00	23.70
Skrable, Frank L	do	850.00	76.34
Smith, Arthur W	do	940.00	
Smith, Ernest I	do	950.00	
Smith, Howard E	do	1,236.67	21.80
Smith, J. M	do	933.33	
Smith, Jesse P. F	do	993.33	
Smith, Wm. M	do	786.67	36.90
Somerville, Saml., jr	do	1,206.67	18.97
Sorrell, Walter	do	500.00	186.55
Soule, Albion M. M	do	753.33	
Spear, W. H	do	950.00	
Spindler, John E	do	780.00	
Springer, Saml. E	do	963.33	
Stafford, Joseph	do	1,150.00	36.42
Stillwell, John D	do	336.67	
Swanson, Chas. A	do	1,020.00	
Tade, James M	do	402.22	
Talbert, Joseph F	do	933.33	5.20
Thomas, Arend J	do	933.33	8.13
Tower, Elmer E	do	973.33	
Townley, Henry D	do	940.00	
Treman, Walter	do	1,150.00	
Van Allstyne, Wm. C	do	703.33	
Veit, William	do	1,200.00	
Verduin, F. J	do	750.00	
Vermillion, R. C	do	713.33	
Vermilya, Ralph F	do	435.56	
Walton, Charles M	do	708.89	
Washburn, Leo	do	916.67	125.54
Weagly, C. B	do	710.00	214.60
Webster, John H	do	1,040.00	173.35
Weeks, Lewis C	do	880.00	34.85
Whipple, Fredk. R	do	886.67	
White, Jesse H	do	1,250.00	
Whiting, Rex A	do	1,176.67	
Wilbur, B. R	do	943.33	
Williams, Jesse B	do	1,135.00	
Woodward, B. T	do	1,117.77	
Yager, E. P	do	790.55	
Yenner, Benjamin H	do	1,250.00	
Zollinger, J. H	do	750.00	
Arnold, Thomas F	Veterinary inspector, at $1,200	420.00	
Atchison, James G	do	1,000.00	11.60
Baumann, E. H	do	646.67	402.96
Block, D. Eugene	do	713.33	
Bovers, John F	do	490.00	
Bowlus, Lawrence W	do	546.67	
Broadwell, John M	do	916.67	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Brown, Levi F.	Veterinary inspector, at $1,200	$183.33	
Brown, Wm. A.	do	16.67	
Bunting, Elwood B.	do	976.67	
Burnett, Theodore A.	do	426.66	
Caldwell, Harry	do	473.33	
Campbell, Lawrence	do	23.33	
Casey, Charles M.	do	830.00	
Champlain, Lloyd	do	330.00	
Cole, Guy T.	do	606.67	
Collins, Daniel E.	do	510.00	
Collom, William B.	do	763.34	
Conley, Charles C.	do	200.00	
Craven, Evert C.	do	700.00	
Cravens, Lewis H.	do	553.33	
Dade, J. S.	do	593.33	$23.95
Daugherty, W. A.	do	870.00	3.10
Davis, Benjamin F.	do	150.00	
Deckard, I. K.	do	100.00	
Dorney, Albert H.	do	620.00	
Drummond, Robt. H.	do	23.33	
Duenner, Robt. H.	do	206.67	
Dunn, Charles W.	do	173.33	
Dunn, Louis J.	do	853.33	
Edwards, Warren T.	do	890.00	
Fauks, Carl H.	do	243.33	
Ferley, John T.	do	873.33	
Ferneyhough, Robt. E.	do	253.33	
Fisk, A. G.	do	496.67	22.00
Fox, W. W.	do	500.00	
Fretz, H. L.	do	76.67	75.75
Galt, Sid.	do	173.33	13.15
Gaston, John T.	do	253.33	
Gibson, Jonathan E.	do	403.34	
Giles, William W.	do	806.67	
Glenn, Harry H.	do	500.00	
Glennon, Harry J.	do	363.33	
Hansen, Ingild.	do	606.67	
Hart, Clarence E.	do	876.67	
Hedley, Clarke.	do	160.00	
Henderson, E. P.	do	526.67	
Henrickson, Henry J.	do	896.67	
Hill, M. V.	do	870.00	
Hogan, Edwin A.	do	876.67	
Huebschmann, John.	do	253.33	
Hughes, Mearl W.	do	740.00	
Humphrey, E. H.	do	613.33	
Huntsberger, S. E.	do	706.66	
Hurt, Leslie M.	do	230.00	
Ingmand, J. E.	do	320.00	
Ingram, S. R.	do	823.33	5.80
Jansman, Edward B.	do	220.00	
Johnson, Augustus F.	do	296.67	
Johnson, Edward P.	do	463.33	
Johnston, G. A.	do	910.00	11.95
Johnston, Samuel H.	do	510.00	
Juckneiss, Paul.	do	443.33	
Kay, Gustave A.	do	700.00	22.40
King, Roland T.	do	633.33	
Kinter, Joseph B.	do	1,000.00	
Korfhagen, Harry J.	do	110.00	
Laden, James F.	do	900.00	
La Rue, Edgar N.	do	243.33	
Lash, Elmer.	do	23.33	
Lawrence, Howard L.	do	596.62	48.26
Lentz, William J.	do	16.67	
Loffer, Solomon F.	do	143.33	
McCollum, Peter L.	do	150.00	6.62
McGurty, O. J.	do	23.33	
McKenney, Ashton D.	do	716.67	
McKillip, D. W.	do	523.33	
McLean, Wm. C.	do	893.34	69.70

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
McLeod, Edward J	Veterinary inspector, at $1,200	$853.33	
McPhillips, William	do	463.33	
Marshall, Henry	do	660.00	
Marshall, Leslie G	do	524.17	$4.40
Martin, Robert M	do	553.33	
Mayer, Henry N	do	453.33	
Mendenhall, M. H	do	873.33	
Miller, T. I	do	200.00	
Mollan, P. A	do	200.00	
Moloney, James J	do	923.33	
Moyer, Oliver R	do	700.00	31.52
Mullck, J. M	do	256.67	
Murphy, Daniel S	do	103.34	
Murphy, Joseph W	do	690.00	
Musser, Robt. C	do	100.00	54.35
Myers, Henry H	do	400.00	
Myers, Willis A	do	430.00	
Olbeter, Rudolph M	do	190.00	
Olsen, O. C	do	300.00	
Osborn, George M	do	300.00	
Parker, Julian J	do	550.00	
Paul, Arthur	do	210.00	647.74
Peabody, C. H	do	300.00	
Pearson, Albert A	do	213.33	
Peck, Edwin J	do	333.33	
Pohl, Emil	do	900.00	
Price, John W	do	300.00	
Prien, Otto L	do	613.33	
Reasner, Wm. F	do	136.67	
Reinert, Daniel E	do	876.67	
Rhoades, Marion H	do	776.67	
Reitz, John H	do	306.67	
Rigdon, Scott J	do	366.67	
Robertson, Andrew	do	853.33	
Rockwell, Clarence S	do	900.00	
Rosenberger, M	do	200.00	644.18
Roueche, Ross C	do	436.67	
Rozell, Wm. O	do	150.00	
Ruth, Erwin C	do	243.33	
Schloemer, August	do	173.33	
Schmitt, Chas	do	366.67	
Schofield, Major	do	300.00	569.61
Shaffer, Fred W	do	223.33	
Shaw, John	do	280.00	
Shend, S. K	do	413.33	
Sherman, J. P	do	570.00	
Slifoer, Oscar	do	840.00	
Smith, Henry V	do	700.00	
Snyder, E. J., jr	do	73.33	
Stafford, R. J	do	590.00	
Steele, Joseph G	do	720.00	
Stephens, S. H	do	1,156.67	
Stever, Arthur C	do	253.33	
Stewart, Mark A	do	190.00	
Thomas, George E	do	186.67	
Thornton, E. L	do	253.33	
Tiffany, J. B	do	216.67	
Treloar, D. C	do	483.34	
Veenstra, John Y	do	230.00	
Walmer, Morris H	do	700.00	
Ward, G. R	do	1,196.67	30.00
Watkins, Spencer E	do	996.67	15.05
Weaver, William P	do	393.33	
Wellner, Herman	do	900.00	
Williams, Herbert S	do	456.67	
Williams, Mark D	do	890.00	11.30
Winnes, H. C	do	63.33	
Woodroffe, H. A	do	56.67	
Yoder, E. C	do	290.00	
Young, George D	do	376.67	
Graham, Alex E	Chemist, at $1,500	1,175.00	210.60

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Smith, Wm. B	Chemist, at $1,400	$1,166.67	
Hoagland Ralph	Expert assistant in analytical chemistry at $1,400.	1,061.67	
Boyer. E. A	Expert assistant in analytical chemistry, at $900, and chemist, at $1,200.	912.50	$68.20
Roop, Archer H	Laboratory inspector, at $1,200	100.00	
Balzer, Emil	Microscopist, at $1,400, and inspector, at $1,800.	1,566.66	
Williams, Mary E	Assistant microscopist, at $2.10 per diem	119.70	
Swanger, Chas. H	Scientific assistant, at $1,200	650.00	
Marsh, Clarence T. N	Scientific assistant, at $1,000	479.23	
Carhart, Edward R	Special agent, at $5 per diem	140.00	12.00
Burch, S. Royden	Special agent, at $1,000	111.11	
Bouchner, Geo. H	Live stock agent, at $900	210.00	
Watson, Arda	Live stock agent, at $900, and stock examiner, at $1,200.	1,012.50	
Byers, John D	Expert assistant in meat inspection, at $1,400	1,022.78	391.29
Groh, William	do	906.11	224.08
Scarlet, Thomas	Agent in meat inspection, at $1,000	497.23	
Blume, Rufus B	Meat inspector, at $1,000, and veterinary inspector, at $1,200 and $1,400.	846.11	6.23
Lee, Frank P	Meat inspector, at $1,000 and $1,400	808.33	271.05
Shiells, Hugh	Meat inspector, at $1,000, and expert assistant in meat inspection, at $1,400.	988.89	260.18
Benjamin, Frank E	Meat inspector, at $1,000 and $1,200	700.00	65.50
Callahan, John J	do	755.56	3.17
Crow, H. M	do	783.33	5.05
Garbi, Louis, sr	do	822.22	7.00
Gibson, James	do	841.66	174.99
Herrick, Henry B	do	777.77	45.55
Hopkins, Percy R	do	783.33	33.30
Hurley, John	do	777.77	2.00
Jackson, Freeman H	do	816.66	69.20
Jennings, Wm. E	do	794.44	15.95
McCarty, Wm. F	do	783.33	4.70
Ramsdell, Harry R	do	800.00	25.43
Rathman, Fred J	do	802.77	10.15
Riemer, Julius F	do	783.33	14.90
Sartor, Scott	do	841.68	9.50
Sullivan, Wm. D	Meat inspector, at $1,000, and veterinary inspector, at $1,200.	950.00	22.97
Tindall, Wm. S	Meat inspector, at $1,000 and $1,200	791.66	24.10
Abbe, Clarence M	Meat inspector, at $1,000	750.00	11.08
Abbot, Everett W	do	649.99	43.48
Abraham, Jacob	do	738.89	
Ackerknecht, Chas. A	do	769.44	36.99
Adams, Charles	do	750.00	
Adams, Wm. H	do	769.44	
Albert, Frank A. B	do	250.00	
Alden, Chas.	do	833.34	56.85
Allan, James A	do	769.44	35.85
Allcutt, Clemmons T	do	305.56	
Allott, L. J	do	750.00	30.35
Auck, William H	do	283.33	
Andreas, Oscar	do	750.00	
Andrews, Thomas A	do	769.44	86.90
Angel, John F	do	761.11	
Anthony, Geo. A	do	111.12	
Anthony, James R	do	825.00	
Apperson, Joseph E	do	750.00	
Archer, Edward A	do	436.11	
Arnett, James B	do	808.33	
Arnold, Raymond	do	747.23	
Ashcroft, Wm. M	do	250.00	
Atwell, Frank M	do	166.67	
Auer, Chas. T	do	800.00	
Augusterfer, John A	do	769.44	22.45
Aulds, Thomas	do	750.00	
Avey, Jesse J	do	83.34	
Bagby, E. E	do	213.90	
Bailey, Wm. S	do	58.33	
Baker, Troy H	do	755.56	48.87

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Ballantine, John	Meat inspector, at $1,000	$758.33	
Balliet, Edward R	do	750.00	
Banker, Richard R	do	833.34	
Barnaby, Emory F	do	613.90	
Barr, Walter S	do	750.00	
Barranger, Joseph E	do	255.55	
Barry, Patrick T	do	750.00	
Bateman, Roy L	do	761.11	$2.00
Bauer, John M	do	352.78	
Bauer, Michael	do	763.89	
Baumeister, Gustav	do	38.89	
Bayler, Theo. M	do	794.44	8.95
Beatty, Wm. A	do	744.45	49.55
Beaudette, Horace F	do	763.89	
Bechtel, Charley O	do	750.00	
Beck, Everett W	do	750.00	
Beck, Jacob	do	161.12	
Behrens, Alfred D	do	666.66	330.50
Bell, Edward A	do	750.00	
Bennett, John	do	769.44	
Benninger, Fred C	do	758.33	
Benson, Robert	do	797.22	
Berry, Oliver W	do	758.33	
Bestwick, Francis T	do	433.34	
Bevins, Joseph F	do	750.00	
Beymer, C. B	do	684.72	
Billington, Wm. J	do	758.33	
Binz, Frank K	do	513.89	
Birce, George	do	763.89	
Birce, Joseph	do	763.89	
Bischof, Julius	do	726.39	
Blake, Walter H	do	755.56	
Blakley, David	do	83.34	
Bleistein, Wm. F	do	750.00	
Blowers, William J	do	744.45	6.20
Blundell, Wm. L	do	302.78	
Boals, Thomas M	do	727.78	10.08
Boatman, Clay	do	163.90	
Boehm, H. A	do	747.23	
Boehm, Joseph H	do	197.23	
Bolden, R. E	do	302.78	
Bowers, Benjamin F	do	500.01	
Bowser, Edwin B	do	16.67	21.10
Boyd, Robert	do	250.00	
Boyle, Chas. F	do	738.89	
Boyle, Herman E	do	833.34	
Boyle, James	do	758.33	
Boyle, Oscar S	do	750.00	
Boyle, Thomas M	do	750.00	8.65
Brackin, Peter J	do	47.22	
Breakey, James J	do	769.44	12.35
Brennan, Anthony P	do	802.78	
Brennan, Michael J	do	758.33	
Brennan, Thomas A	do	761.11	14.30
Brockhoff, Frederick	do	133.34	
Brokenshar, Benj	do	333.34	
Brooks, Williard H	do	769.44	
Brosard, John	do	141.66	
Brown, James L	do	738.89	
Brown, Robert E	do	769.44	
Brown, Richard H	do	769.44	
Brown, Thomas P	do	769.44	
Browne, Wm. F	do	750.00	10.27
Bruce, John G	do	166.67	1.10
Bruce, Philip H	do	808.33	
Brutt, Herman W	do	652.78	
Bryan, Walter N	do	755.56	50.72
Bryant, Levi	do	808.33	
Buckley, Michael J	do	769.44	
Bucknam, Geo. H	do	425.00	
Bucknam, Wm. D	do	808.33	93.30

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Bugele, George T	Meat inspector, at $1,000	$758.33	
Bull, F. A	do	747.23	
Burbank, Thomas H	do	702.78	$16.00
Burcham, Devirda H	do	788.89	
Burchill, George D	do	761.12	
Burkin, Charles F	do	758.33	
Burnes, James M	do	666.67	
Burroughs, James W	do	788.89	
Busch, John F	do	888.89	
Butow, Charles J	do	486.11	
Byrnes, Peter J	do	438.89	
Byron, Wm. J	do	133.34	
Callahan, Andrew T	do	769.44	
Callanan, James F	do	497.23	
Campbell, Chas. M	do	761.11	13.99
Canniff, John	do	788.89	
Canty, Patrick E	do	747.23	5.65
Cappell, John	do	480.56	46.51
Carbray, John	do	780.56	
Carey, Jeremiah J	do	763.89	
Carey, Patrick L	do	769.44	
Carlgren, Chas. E	do	802.78	25.05
Caron, Emery	do	750.00	
Carpenter, Albert H	do	47.22	
Carrigan, James M	do	769.44	34.15
Carroll, Christopher	do	508.34	
Carroll, Edward M	do	83.34	
Cartmill, Lewis J	do	808.33	
Carver, Edward S	do	750.00	
Carver, Patrick P	do	780.56	
Casey, Charles	do	758.32	
Casey, Robert M	do	722.21	
Casey, Thos. A	do	755.56	
Casserly, Timothy	do	747.23	
Cervantes, A. A	do	188.89	
Chadima, J	do	186.11	139.85
Chapman, W. A	do	761.11	
Cherniss, David B	do	833.34	
Clancy, S. J	do	775.00	
Clark, Ed. H	do	763.89	
Clark, Geo. E	do	266.67	
Clark, Louis	do	500.00	
Clohessy, Edwin J	do	769.44	1.80
Cole, Charles C	do	769.44	10.11
Collier, William P	do	794.44	
Collins, Patrick	do	738.89	
Collins, Patrick	do	211.11	
Colvin, Will P	do	300.00	
Condon, Peter J	do	666.68	
Conklin, William D	do	750.00	
Conlon, Edward G	do	666.66	
Connelly, Alonzo	do	761.11	11.40
Connor, Michael O	do	750.00	
Connors, John J	do	133.34	
Cook, Elisha B	do	794.44	1.45
Cook, John F	do	477.78	
Coppock, David M	do	763.88	3.45
Corcoran, Patrick J	do	191.67	
Cornyn, John J	do	786.11	70.20
Cory, Robert M	do	377.78	
Cossar, Geo. R	do	58.33	
Costello, M. J	do	266.67	
Cowan, Joseph	do	758.33	
Crahan, Thomas W	do	761.11	
Crandall, Homer E	do	833.34	
Crawford, Frank R	do	719.44	
Crawford, John W	do	763.89	90.92
Crayne Charles E	do	738.89	
Creighton, Frank	do	561.11	16.80
Creighton, George	do	750.00	
Cronin, John J	do	50.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Crosby, Joseph A	Meat inspector, at $1,000	$761.11	
Cross, Harry G	do	272.22	
Crowley, John T	do	780.56	$7.95
Crowley, Timothy M	do	266.67	
Cumings, James H	do	747.22	9.15
Cummins, Daniel G	do	758.32	
Cunningham, B. J	do	738.89	
Curless, U. S. G	do	766.67	
Curran, Joseph J	do	750.00	
Curran, Thomas	do	825.01	35.85
Daley, Dennis J	do	750.01	
Daley, James A	do	750.00	.90
Daly, John J	do	111.12	
Daly, Joseph J	do	763.89	
Daly, Wm. H	do	750.00	
Danner, Henry G	do	788.89	
Dasback, Harry A	do	125.01	
Davis, Warren H	do	766.67	12.60
Davis, William R	do	750.00	9.75
De Bow, James F	do	750.00	
Decker, John W	do	825.00	
Dengler, Chas. L	do	750.00	
Denney, Geo. W	do	499.99	
Dennis, Jesse T	do	808.33	
Desmond, Timothy J	do	761.11	70.20
Detweiler, Horace S	do	66.67	
Devany, Thomas	do	833.34	19.08
Devine, Matthew	do	158.33	
Dickey, Geo. F	do	19.44	
Dinkelberg, Philip J	do	763.89	8.17
Dischner, Henry	do	208.34	
Dischner, John E	do	769.44	
Dixon, Frank J	do	758.33	14.69
Dixon, Frank T	do	750.00	
Dixon, Joseph C	do	758.33	
Dobler, Robert J	do	761.11	
Doherty, Patrick H	do	211.11	
Domnosky, Herman G	do	763.89	32.15
Donahue, Walter J	do	761.11	1.39
Donnellan, Thomas	do	408.34	
Donovan, James E	do	222.23	
Donovan, John P	do	808.33	
Doody, Wm. E	do	211.12	
Dougherty, Frank P	do	794.44	
Doyle, James C	do	747.23	
Doyle, John F	do	738.89	
Doyle, Patrick F	do	769.44	57.70
Drout, James E	do	833.34	2.08
Drown, Chas. S	do	747.23	8.65
Duclos, Alfred E	do	786.11	
Duffy, John L	do	375.01	35.10
Durfor, Walter	do	388.90	
Dwyer, Frank H	do	211.11	
Dykstra, Frank J	do	755.56	10.90
Eddy, Arthur F	do	808.33	3.00
Egan, Henry J	do	83.34	
Eikerenkatter, E. A	do	802.78	
Eisenmenger, L. A	do	747.23	
Elledge, Charles	do	750.00	
Ellis, Samuel B	do	213.88	
Emerick, George A	do	724.99	
Erler, Gustav A	do	750.00	
Espenlaub, David F	do	794.44	
Espey, Ora E	do	769.44	45.15
Esslinger, E. F. G	do	702.78	69.25
Evans, Timothy J	do	750.00	71.10
Ewald, Edward W	do	769.44	
Eyssen, William P	do	750.00	7.60
Fagan, Thomas W	do	416.67	
Fair, Joseph F	do	302.78	
Falk, William	do	750.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington—Cont'd.			
John	Meat inspector, at $1,000	$152.78	
John H	do	141.66	
g, Clyde L	do	738.89	$4.60
ider, Frank H	do	833.34	
rank J	do	250.00	
Charles S	do	750.56	5.12
B. J	do	25.00	
John F	do	769.44	
Patrick J	do	294.44	
James	do	755.56	64.30
Paul	do	533.34	
hn H	do	172.23	
Charles A	do	738.89	
n, R. B	do	750.00	45.45
Chas. A	do	780.56	
John	do	466.66	
C	do	650.00	
n, Patrick	do	677.78	
n, Peter J	do	208.34	
ck, Wm. F	do	769.44	7.92
harles S. B	do	750.00	3.75
Herbert M	do	750.00	
anuel	do	722.22	27.65
ld, James A	do	259.71	
ld, James H	do	758.33	
ld, John J	do	763.89	
ld, M. J	do	758.33	
rick, John A	do	627.78	
Chas. W	do	794.44	
gan, Frank J	do	833.34	
ouis W	do	438.89	
uer, Hugo	do	750.00	
art	do	172.23	
James J	do	750.00	
Daniel F	do	752.77	
, V. E	do	747.23	
H. Clayton	do	747.23	
Fred W	do	477.78	
, Wm. W	do	750.00	24.35
, John J	do	111.12	
John E	do	750.00	
James R	do	258.34	47.40
W. F	do	572.22	
o, Charles	do	163.89	
Chas. A	do	750.00	2.90
an, Peter A	do	741.67	
Harry L	do	58.33	
Alexander W	do	750.00	
eter W	do	750.00	
erdinand	do	769.44	15.45
Fred J	do	105.56	
Samuel C	do	747.23	
Charlie	do	761.11	70.20
Alex. L	do	230.56	
th, Chas. H	do	125.01	
gust	do	355.56	
er, Hugh J	do	780.56	26.15
er, James E	do	744.45	
, Joseph	do	800.00	
, James T	do	58.33	
n, John W	do	738.89	
Michael H	do	758.33	
Samuel M	do	769.44	
Geo. E	do	766.67	
na, B. H	do	769.44	
fred	do	508.32	23.15
Edward	do	80.56	
Charlie R	do	750.00	
Thos. H	do	825.00	
Charles A	do	833.34	7.00
Walter M	do	769.44	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Giffin, Charles A	Meat inspector, at $1,000	$55.56	
Gilgenberg, Anthony	do	516.67	
Gilmore, Harry B	do	177.78	
Gitzinger, Chas. R	do	686.10	
Gleason, Philip W	do	497.21	
Glenn, Perry C	do	758.33	$34.15
Godbout, Medrick	do	50.00	
Goodrich, Edgar	do	499.99	
Gordon, Harris F	do	808.33	
Gore, Thomas	do	833.34	
Gorman, John J	do	758.33	
Gossi, Balthasar	do	758.33	
Gowe, Clarence B	do	158.34	
Grace, Frank D	do	747.23	
Graebner, George S	do	125.01	
Graham, Harry A	do	305.56	
Graham, Leroy B	do	730.56	
Green, Francis P	do	738.89	
Green, Arthur W	do	758.33	
Greenlaw, Walter A	do	747.23	
Greenough, A. F	do	33.33	
Gregory, Chas. A	do	58.33	
Grier, Robt. G	do	838.89	
Grimm, Charles H	do	166.67	
Grimes, Edw. B	do	808.33	
Grother, Wm. J	do	841.67	
Grumewald, C. L	do	750.00	
Gruner, J. Peter	do	761.11	27.75
Gsell, Anton G	do	761.11	
Guerin, Michael J	do	780.56	
Haas, Charles C	do	188.89	
Hacker, Charles	do	788.89	
Hafner, George	do	750.00	
Haines, A. R	do	493.05	
Hall, T. E	do	750.00	25.55
Hall, Willard W	do	750.00	
Hallett, Richard C	do	750.00	
Hamilton, Andrew	do	758.33	
Hams, John M	do	83.33	
Hancock, John	do	752.77	
Hand, Harry E	do	761.11	11.37
Handren, J. S	do	808.33	
Hanlon, Barney O	do	11.11	
Hanrahan, John	do	399.99	
Hans, John W	do	844.45	1.45
Hansen, John Henry	do	763.89	
Hanson, Adolph C	do	644.45	
Hardy, Thomas R	do	736.11	
Harrington, T. H	do	272.22	
Harris, John H	do	741.67	8.55
Harris, John M	do	666.67	
Harris, Scott H	do	186.12	26.30
Hartman, Max R	do	794.44	
Hasburg, James E	do	438.89	
Haskins, Geo. A	do	769.44	
Hatch, John W	do	216.67	
Haug, Charles H	do	763.89	2.97
Haupt, John A	do	761.11	
Hawkins, Charles O	do	769.44	
Hawthorne, Joseph J	do	658.34	17.10
Hayes, Michael J	do	755.56	
Hayward, Warren L	do	750.00	3.85
Heck, Henry M	do	808.33	
Hefter, Richard A	do	672.23	
Heiberger, L. F	do	72.22	
Hellmuth, Martin	do	755.56	
Helm, John G	do	388.90	
Hempy, Oliver P	do	750.00	
Henderson, Frank	do	761.11	7.35
Henry, Frank T	do	738.89	
Hering, Chas. H	do	147.22	
Hern, Fred	do	33.33	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Hervey, Wm. E	Meat inspector, at $1,000	$775.00	$7.86
Herz, Ludwig A	do	258.33	
Hesser, W. H	do	719.45	68.90
Hettrick, William F	do	341.67	
Heatzman, Albert M	do	750.00	
Higbie, Weston	do	763.89	
Hilgert, Theodore T	do	833.34	30.71
Hill, Eli E	do	272.22	
Hilsmann, R. F	do	477.78	
Hirschel, Isaak	do	769.44	7.20
Hoag, Marion A	do	763.89	
Hoar, John M	do	750.00	4.00
Hodgen, Robert E	do	802.78	
Hoelzle, Elmer G	do	747.23	
Hoffer, Henry	do	750.00	
Hoffheimer, I. N	do	780.56	
Hofman, Henry J	do	413.90	
Hogan, Thomas F	do	83.34	
Hogan, Thos. L	do	750.00	
Holmes, Daniel	do	763.89	
Holmes, Matthew M	do	755.56	
Hoopman, Ludwig	do	211.11	
Hopkins, J. D	do	749.99	
Horgan, Patrick	do	230.56	
Horn, M. J	do	852.78	162.69
Horrigan, John J	do	499.99	10.27
Houck, Christ G	do	166.66	
Hovey, Silas B	do	755.56	
Howard, Clarence R	do	758.33	12.00
Howlett, Louis H	do	750.00	1.89
Hudson, Frank E	do	758.34	
Hueben, Frank W	do	802.78	
Huggins, Roy	do	822.22	
Hult, Oscar G	do	769.44	7.50
Humbert, Geo. W	do	833.34	8.05
Hunter, Jas. H	do	750.00	
Hurley, Daniel P	do	750.00	
Hurt, Wm. A	do	808.33	
Hutton, Aubrey T	do	769.44	
Hyatt, F. A	do	766.66	
Hyde, Charles W	do	769.43	9.30
Hyde, Patrick H	do	780.56	2.10
Hydrick, George L	do	747.23	
Hyland, Wm	do	225.00	
Jackson, Bert C	do	780.56	8.50
Jackson, Walter	do	58.33	
Jacobs, Emery A	do	683.33	7.22
Jacobus, Fred H	do	758.33	
James, Ernest R	do	747.23	
Jensen, Carl R	do	91.67	
Jentoft, Fredk. E	do	769.44	
Jerome, Lawrence R	do	755.56	
Jesselsohn, Ralph	do	477.78	
Johnson, Arthur O	do	697.23	
Johnson, Nathan H	do	833.34	
Jones, Albert	do	597.23	28.40
Jones, George H	do	827.78	44.64
Jourdan, E. M	do	719.45	71.65
Joyce, Thomas	do	627.78	20.00
Kahdeman, Richard P	do	625.01	
Kaltwasser, Frank	do	833.34	27.75
Kann, Joseph	do	183.34	
Kaufmann, Siegfried	do	769.44	4.15
Kavanagh, B	do	825.00	
Kearns, Herbert F	do	761.11	
Keating, John J	do	741.67	
Keating, William	do	750.00	
Keefe, David J	do	763.88	
Keinath, Chas. F	do	733.34	
Kelleher, Daniel J	do	388.88	
Keller, Clement J	do	452.77	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Keller, Peter	Meat inspector, at $1,000	$311.11	
Kelly, Peter F	do	461.12	
Kelly, Wm. T	do	808.33	
Kelting, Henry C	do	755.56	
Kenneally, James	do	750.00	
Kennedy, Henry D	do	750.00	$84.37
Kennedy, John A	do	769.44	
Kennedy, James W	do	750.00	
Kenney, M. J	do	750.00	
Kenny, Patrick	do	794.44	
Kerley, Michael J	do	83.33	
Kern, Conrad	do	750.00	
Kern, John	do	330.56	11.65
Kerr, Chas. L. E	do	272.22	
Kessler, Henry	do	163.89	
Kessler, William A	do	813.89	
Kiely, Daniel B	do	808.33	
Kilanoski, Samuel P	do	738.89	
Killoran, John J	do	780.56	
Kindergan, James P	do	747.23	
King, Alfred A	do	750.00	
King, Herbert J	do	763.89	
Kirkpatrick, R. H	do	250.00	
Kleiber, Henry	do	194.45	
Klenk, Chas	do	783.33	
Kline, Edward	do	80.56	
Klouse, Frank	do	761.11	
Knecht, Chas., jr	do	711.11	
Knepper, A. L	do	825.00	35.10
Knight, Charles W	do	769.45	
Knodel, William F	do	369.45	21.37
Knoehr, C. M	do	266.67	
Koehler, Adolph G	do	330.57	
Kohl, John G	do	416.67	4.26
Konz, Albert W	do	216.67	
Kopp, John C	do	750.00	
Kramer, Richard H	do	466.66	33.26
Kraus, Geo. F	do	852.78	
Kropp, Otto E	do	747.23	
Krug, Ernest A	do	394.44	27.75
Kruse, John Wm	do	763.89	
Kuehner, Henry	do	438.89	
Kuenzel, Geo. A	do	416.67	
Langer, John F	do	750.00	
Lappin, John C	do	616.67	
Larimore, Bruce L	do	111.12	
Lawler, Patrick E	do	769.44	
Laybourn, Robert	do	761.11	
Leahy, Timothy J	do	52.78	
Lee, Alfred N	do	808.33	
Lee, John H	do	166.67	
Lehman, Arthur J	do	111.11	
Lehr, Wm. G	do	794.44	6.94
Lennon, Edward J	do	761.12	
Lewinson, Louis	do	766.67	37.41
Lewis, George R	do	75.00	
Lightner, Chas. P	do	750.00	
Lindenberger, G. F	do	747.23	
Lindner, William L	do	247.21	
Lindsay, Edmund A	do	363.90	
Lirely, Wm. H	do	769.44	
Lobdell, Grosvenor	do	416.67	
Lockwood, Wm. M	do	758.33	
Loeble, August	do	350.00	
Lomelino, Geo	do	494.43	
Long, William J	do	758.33	
Love, David D	do	833.34	78.96
Lunkley, Nick	do	761.11	
Lunt, John W	do	762.50	
Lutz, Chas. N	do	769.44	
Lynch, Jeremiah	do	11.11	

BUREAU OF ANIMAL INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington—Cont'd.			
homas S	Meat inspector, at $1,000	$111.12	
hn F	do	125.01	
Harvey E	do	747.23	
James L	do	413.90	
y, Dennis	do	702.78	
y, James	do	230.56	
, Bert L	do	750.00	
id, Will C	do	747.23	$18.40
ll, Henry	do	499.99	
lle, Frank	do	775.00	
ick, B	do	750.00	
ck, James G	do	394.44	
d, Francis J	do	802.78	
igh, John F	do	598.62	
igle, J. H	do	750.00	7.57
, Addison H	do	16.66	
Howard S	do	708.34	
Elex. J	do	769.44	
, James	do	852.78	
, Lewis X	do	750.00	
n, B	do	375.00	17.00
, Aloysius	do	766.66	
, Chas. I	do	813.89	
Hugh K	do	205.56	
ames	do	750.00	
y, R. M	do	553.33	
llin, Edward J	do	177.78	
Herbert T	do	775.00	
James B	do	833.34	
Alexander	do	300.00	
Walter S	do	750.00	
, Thos. J	do	750.00	
, Wm	do	750.00	
ra, John J	do	163.90	
nton, Robt	do	686.10	
nton, Wm	do	761.10	
, John E	do	769.44	
an, Dan	do	747.22	
ms, John	do	775.00	
ld, Burt K	do	769.44	
, Thomas B	do	755.56	
oseph P	do	788.89	
le L	do	761.11	
Elmer T	do	750.00	61.80
E. J	do	741.67	13.40
James J	do	166.66	
emp P	do	833.34	
Michael	do	711.11	59.00
Loyd D	do	769.44	
Chas. A	do	750.00	
Frank R	do	744.44	
alvin L	do	758.33	
Robert	do	36.11	
u, Claude H	do	758.33	5.60
, Seth A	do	633.34	13.10
ide A	do	430.55	41.70
rmann A	do	394.45	
lbert C	do	808.33	
Herman E	do	750.00	
Gustave H	do	738.89	10.20
Wm. H	do	500.01	
eorge H	do	738.89	
orge L	do	711.11	54.85
oe	do	761.10	
Wm	do	769.44	
an F	do	769.44	
Geo. C	do	750.00	
rnst	do	483.33	
chie	do	750.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Inaustry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Miller, E. J	Meat inspector, at $1,000	$125.01	
Miller, Edward P	do	705.56	
Miller, Frederick	do	730.56	$18.00
Miller, James C	do	794.44	
Miller, Roy W	do	794.44	
Miller, Wilfred M	do	541.67	
Minard, George S	do	141.67	
Mitzel, Hal J	do	738.89	
Mohr, Joseph	do	305.56	
Moline, Oscar G	do	583.33	
Moore, David	do	158.34	
Moore, John J	do	750.00	47.72
Moore, James	do	111.12	
Moore, Wm	do	747.23	
Moran, John A	do	769.44	10.15
Moran, Michael J	do	758.33	
Morgan, James B	do	766.67	20.25
Morley, Fred A	do	750.00	
Morrissey, John H	do	761.11	
Morrissey, John J	do	488.89	
Morton, Fred B	do	750.00	
Mosier, Chas. B	do	766.67	19.10
Mulcahy, Patrick J	do	763.89	8.55
Mullin, Thomas F	do	794.44	
Murdock, John L	do	497.23	2.90
Murphy, James H	do	738.89	23.40
Murphy, Michael J	do	466.66	
Murphy, Patrick H	do	758.33	
Murray, Clarence F	do	738.89	
Murray, Henry T	do	250.00	
Murray, Louis C	do	133.34	
Myers, Ira M	do	802.78	8.70
Myers, Wm. H	do	769.44	
Mytinger, A. E	do	833.34	
Nachmann, Abraham	do	775.01	
Neville, Daniel	do	416.67	
Newton, Thomas E	do	833.34	
Nichols, William B	do	83.34	
Niven, George	do	463.89	
Noone, Thomas	do	750.00	
Norris, David F	do	769.44	
Norton, Frank P	do	747.23	
Nugent, Michael J	do	780.56	
Nutto, Louis	do	794.44	
O'Brien, John A	do	738.89	
Ochs, John J	do	388.89	6.72
O'Connell, Daniel	do	463.89	
O'Connell, Daniel A	do	761.11	
O'Connell, Michael J	do	780.56	9.95
O'Connor, John	do	597.23	
O'Connor, John J	do	769.44	
Oefelein, John L	do	500.00	
Oelschlegel, Geo. C	do	763.89	6.35
O'Grady, James	do	750.00	
O'Hanlon, Barney	do	83.34	
O'Hara, James	do	805.56	
O'Hern, James F	do	802.78	5.75
O'Malley, Patrick	do	763.89	
O'Neill, James P	do	636.12	49.79
Opal, John A	do	769.44	
Ormond, D. W	do	19.44	
Osfeld, Frank B	do	750.00	
O'Shonessey, Thomas	do	736.11	
Page, Fred	do	825.00	
Page, Geo. A	do	758.33	
Pahlman, J. P., jr	do	750.00	5.45
Palm, Edward A	do	672.23	
Palmer, Tyler A	do	780.56	
Palmer, Willis A	do	763.89	8.60
Parker, William J	do	786.12	18.60
Parks, T. C	do	58.33	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Parsons, Sidney J	Meat inspector, at $1,000	$794.00	$16.60
Patenge, Otto K	do	125.00	
Paull, Wm. L	do	758.33	
Pawly, Frank	do	808.33	
Peacock, Burrell W	do	413.88	96.75
Pemberton, Henry W	do	747.23	
Perkins, Lawrence C	do	541.67	7.67
Perry, Ralph W	do	705.56	
Peters, John	do	250.00	
Peterson, Albert	do	788.89	
Pettengill, H. E	do	250.00	
Pfeiffer, Frank W	do	808.33	
Phillips, Filmore	do	291.67	
Pierce, Fred M	do	666.67	
Pierson, Carl M	do	794.44	
Pigott, Andrew	do	794.44	
Pinger, Wm. R	do	686.11	121.79
Piper, Frank	do	748.62	
Pironi, Leon James	do	750.00	32.90
Poage, John W	do	769.44	
Pontious, Frank L	do	766.67	43.65
Potrykus, Joseph	do	94.45	
Powell, Frank S	do	758.33	
Powers, John T	do	755.56	
Priller, Fred W	do	758.33	42.20
Pritchard, Walter R	do	738.89	
Proetz, Henry W	do	833.34	
Puletz, John W	do	738.89	11.64
Purviance, Austin E	do	738.89	36.50
Quigley, Walter F	do	780.56	
Quincy, Thomas E	do	738.89	11.80
Quinn, Henry	do	350.01	
Quinn, John	do	436.11	
Quinn, John T	do	750.00	
Rafferty, John E	do	833.34	
Rath, Frank	do	794.44	
Rathman, Geo. A	do	225.00	
Raven, John, jr	do	769.44	
Razer, Frank	do	83.34	
Redden, Wm. J	do	797.22	
Reed, Ernest L	do	250.00	
Reed, E. Manford	do	747.23	
Rehbein, Wm. H	do	750.00	
Reidy, Martin C	do	766.67	
Reiners, Hajo H	do	438.89	
Reisser, Michael	do	750.00	
Rhoads, Chas. H	do	750.00	
Rhodes, Julius J	do	750.00	
Richards, Albert S	do	666.67	
Richards, Frank D	do	808.33	
Richards, H. S	do	75.00	
Richards, Wm	do	769.44	
Richardson, D. T	do	186.10	
Richardson, Wm. L	do	763.87	
Richter, Sprigg C	do	738.89	2.50
Ries, Geo. Fred	do	144.44	
Ring, Frank D	do	780.56	
Roach, James	do	83.34	
Robinson, Chas. M	do	750.00	
Robinson, Mark	do	166.67	
Robinson, Wm	do	769.44	
Roche, Thomas	do	294.44	
Rodgers, Arthur W	do	761.11	
Rogenmoser, Chas. J	do	844.45	
Rogers, Patrick J	do	133.34	
Rolling, William	do	80.56	
Roney, Herbert J	do	499.99	
Roscher, Ernest	do	197.23	
Roth, Gustav F	do	750.00	
Ruehlmann, Adam	do	80.56	
Rumming, Wm. J	do	833.34	0.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Rupprecht, Robt. A	Meat inspector, at $1,000	$500.00	20.90
Ryan, Stephen D	do	763.88	
Ryan, Thomas E	do	758.33	
Sabourin, Napoleon M	do	769.44	14.55
Sachse, Herman F	do	630.56	14.35
Sahland, Julius E	do	750.00	
Salmon, John P	do	225.00	
Salmon, Michael F	do	125.01	
Samson, Eugene H	do	750.00	
Sanderson, Owen M	do	736.10	45.30
Sandy, James Thomas	do	763.89	4.98
Sanger, Fred W	do	141.66	
Saunders, Wm. H	do	780.56	
Sayers, Clinton H	do	191.67	
Schafer, George J	do	750.00	
Schaub, Emil C	do	111.12	
Scheffel, Joseph G	do	483.33	
Schell, Gustav A	do	725.00	
Schenkalowski, J. A	do	738.89	
Schmidt, Raymond R	do	758.33	
Schneider, F. W. A	do	758.33	
Schniefs, Joseph A	do	758.33	
Schoenleber, A. C	do	852.76	
Schoenleber, Wm	do	844.45	
Schopfer, Chas. B	do	583.34	2.42
Schueler, Edward	do	80.56	
Schultz, Emil E	do	750.00	21.75
Schuyler, Samuel E	do	738.89	
Schwab, Walter J	do	502.78	
Schwarz, John R	do	763.89	
Seaton, Thos	do	763.89	
Selby, Chas. C	do	825.00	8.80
Sergeant, Harry C	do	469.45	
Severance, W. A	do	747.23	
Sexton, John J	do	758.33	41.90
Shackleford, W. O	do	544.44	
Shafer, John C	do	172.23	
Shaffer, Harry L	do	791.66	37.95
Shaw, Herbert F	do	808.33	
Shay, James J	do	825.00	
Shea, John F	do	711.11	
Sheehan, John J	do	761.10	
Sheehy, Patrick J	do	661.11	5.30
Sheeran, Peter H	do	747.23	
Sheldon, Frank H	do	263.89	1.95
Shields, Erastus P	do	38.89	
Shopfer, Chas. B	do	161.11	
Short, Daniel J	do	27.77	
Sieger, Joseph C	do	499.99	
Sievert, Theo. J	do	769.44	
Simpson, Geo. B	do	602.79	23.35
Sindlinger, Charles	do	825.00	8.75
Slattery, Cornelius	do	775.00	
Sloan, David	do	827.76	16.80
Smart, Hugh C	do	477.78	
Smiley, Wm. H	do	758.33	
Smith, Chas. J	do	250.00	
Smith, Geo. L	do	777.78	
Smith, John	do	745.84	
Smith, James F	do	433.34	
Smith, Lewis F	do	755.56	
Smith, Robt. E	do	802.78	
Smith, Samuel	do	794.44	31.76
Smith, Wm. H	do	769.44	
Snider, Chas. H. P	do	769.44	4.10
Somerville, Wm. E	do	463.89	
Spalding, Edwd. B	do	133.34	
Sparling, Homer L	do	786.11	
Specht, Jacob	do	250.00	
Speechley, George	do	166.67	
Speigelberger, Henry	do	416.67	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Spencer, J. A	Meat inspector, at $1,000	$205.55	$70.15
Spraul, Edwin	do	633.34	68.95
Stadler, August C	do	769.44	.....
Stankey, Arthur H	do	769.44	.....
Steere, James P	do	455.56	5.62
Stephens, James F	do	758.33	41.05
Sterrett, W. H	do	711.11	.....
Stevens, Arthur H	do	736.11	.....
Stevens, Simon G	do	250.00	32.60
Stevenson, Harry H	do	769.44	5.62
Stewart, James F	do	780.56	.....
Stock, Sebastian	do	291.67	.....
Stoddard, Omar	do	552.78	.....
Stosberg, Rudolph R	do	808.33	.....
Stratton, Harry H	do	769.44	.....
Stratton, John J	do	833.34	6.43
Strobel, Ambrose	do	491.67	.....
Sullivan, Charles G	do	738.89	.....
Supe, Chas., jr	do	11.11	.....
Swan, Charley J	do	730.56	7.00
Sweeney, George H	do	266.67	.....
Sweeney, Peter M	do	183.34	.....
Sweet, James	do	769.44	84.42
Swisher, Frank P	do	105.56	.....
Taber, Allen W	do	736.10	24.06
Tawney, Oliver M	do	738.89	.....
Tebbens, C. J	do	788.89	.....
Tebbens, Henry	do	747.23	.....
Thayer, Geo. E	do	786.11	.....
Thiem, E. B	do	747.23	.....
Thomas, Leslie L	do	747.23	19.35
Thompson, Chas. A	do	413.89	.....
Thompson, James K	do	769.44	38.86
Thompson, John D	do	763.89	.....
Thompson, Lee W	do	180.56	.....
Tillery, Eby A	do	805.56	22.45
Titcomb, Geo. A., jr	do	780.56	.....
Toomey, Dennis J	do	758.33	.....
Towl, Ralph K	do	405.55	.....
Tracy, John M	do	125.01	.....
Trafton, Alonzo H	do	808.33	.....
Trail, Charles J	do	213.88	.....
Traver, Dolph	do	208.34	.....
Traynor, Hugh F	do	744.55	.....
Tregay, William	do	352.78	.....
Tritle, Fred L	do	750.00	.....
Tucker, Frank S	do	750.00	.....
Tucker, Geo. F	do	808.33	.....
Turner, Frank W	do	708.34	.....
Veach, Thos. N	do	808.33	.....
Viezens, Paul	do	761.12	.....
Virchow, Albert G	do	499.99	2.90
Vogt, Louis	do	750.00	42.30
Volz, Wm. F	do	758.33	11.30
Voss, Frederick	do	738.89	.....
Wakefield, Eugene H	do	750.00	.....
Walker, Ernest L	do	750.00	31.60
Walsh, Daniel J	do	761.11	.....
Walsh, Joseph J	do	838.90	.....
Walsh, Patrick	do	158.34	.....
Walsh, Thomas W	do	202.77	.....
Wandel, Adolph C	do	761.11	.....
Ward, Edmund W	do	758.33	.....
Washburn, Walter E	do	472.23	.....
Watkins, Wallace C	do	833.34	.....
Watson, Michael F	do	769.44	91.40
Weed, Ralph P	do	750.00	.....
Wegner, Wm. H	do	769.44	.....
Well, Gabriel	do	761.11	.....
Weiss, Adam	do	22.22	.....
Weiss, Joseph J	do	116.67	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Welch, Harry F.	Meat inspector, at $1,000	$750.00	
Wentworth, James A.	....do	750.00	$9.28
West, Walter M.	....do	747.23	24.90
Wetzel, Charles A.	....do	761.11	
Whalin, Charles V.	....do	111.12	
White, Richard A.	....do	750.00	
Whitney, James M.	....do	158.34	
Wiegers, John H.	....do	750.00	
Wilkins, Henry.	....do	788.89	17.29
Willie, M. W.	....do	758.33	45.55
Wilson, Albert H.	....do	763.88	19.70
Wilson, George H.	....do	741.67	
Wilson, Robt. H.	....do	769.44	
Winn, Willis D.	....do	94.44	
Winter, Geo.	....do	588.89	
Wolff, Frederick.	....do	438.89	
Wolverton, Thos. J.	....do	758.33	
Wood, Thomas A.	....do	288.89	
Woods, Ambrose H.	....do	750.00	
Woodward, Charles C.	....do	38.89	
Woolsey, Cardinal W.	....do	808.33	14.50
Worth, Geo. A.	....do	16.67	
Wright, Davis H.	....do	250.00	
Wright, John.	....do	211.11	
Yoos, John H.	....do	750.00	
Young, George A.	....do	416.67	
Young, Henry W.	....do	738.89	
Youngs, Robt.	....do	761.11	
Zahn, Henry G.	....do	427.77	
Ziegler, Frank G.	....do	802.78	
Ziegler, John.	....do	683.34	
Zofkie, Charles F.	....do	738.89	
Zollner, Chas. M.	....do	750.00	
Wright, Isaac H.	Meat inspector, at $1,000; tagger, at $720 and $840, and stock examiner, at $900.	594.95	
Sine, J. B.	Special stock examiner, at $1,200	1,200.00	112.46
Ewing, Frank A.	Stock examiner, at $1,200	500.00	
Jordan, J. F.	Patrol stock examiner, at $1,000, and stock examiner, at $900 and $1,200.	1,095.83	
Kidder, Julius.	Patrol stock examiner, at $1,000 and $1,200	1,000.00	
Burgess, John L.	Patrol stock examiner, at $1,000	977.77	34.09
Irving, Artemus.	....do	1,000.00	
Foley, Wm.	Stock examiner, at $1,000 and $1,200	1,100.00	
Miller, Sol.	....do	1,100.00	
Campbell, Chas. E.	Stock examiner, at $1,000	444.44	
Cannon, Earl C.	....do	83.33	
Persells, Herman V.	....do	416.67	215.55
Beattie, Joseph G.	Stock examiner, at $900, and veterinary inspector, at $1,200 and $1,400.	818.61	
Cooper, Charles M.	....do	1,225.00	
Oldham, James S.	....do	1,237.50	13.85
Adams, N. R.	Stock examiner, at $900 and $1,200	1,050.00	
Adams, Charles.	....do	1,037.50	
Baumel, Henry.	....do	1,058.34	
Bell, E. W.	....do	997.50	
Benton, Walter D.	....do	1,050.00	
Best, George.	....do	675.00	
Bibb, Adelbert G.	Stock examiner, at $900, foreman of taggers, at $1,000, and stock examiner, at $1,200.	785.83	
Bone, C. C.	Stock examiner, at $900 and $1,200	1,050.00	
Burdick, H. D.	....do	1,050.00	
Burgess, William.	....do	1,050.00	
Burke, George C.	....do	1,047.50	7.90
Butterfass, Jacob F.	....do	1,050.00	
Byrd, Oliver W.	....do	1,050.00	
Carney, James W.	Stock examiner, at $900, and patrol stock examiner, at $1,000 and $1,200.	1,086.95	
Cathel, George T.	Stock examiner, at $900 and $1,200	412.50	
Chamberlain, Chas. J.	....do	1,050.00	
Cherrington, Wm. P.	....do	965.00	
Clark, Thos. G.	....do	1,050.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Cramer, Chas. F	Stock examiner, at $900, foreman of taggers, at $1,000, and stock examiner, at $1,200.	$1,050.00	$1.00
Duffiey, J. J	Stock examiner, at $900 and $1,200	1,050.00	
Eichstaedt, J. J	do	1,050.00	
Elmer, Chas	do	1,021.25	
Farley, David S	Stock examiner, at $900, patrol stock examiner, at $1,000, and stock examiner, at $900 and $1,200.	976.67	
Flora, Josiah D	Stock examiner, at $900 and $1,200	1,050.00	
Fox, Jacob	do	1,050.00	
Franklin, George A	do	1,050.00	
Freeman, Harry D	do	1,050.00	
Frisch, David	do	922.50	
Gardner, James	do	1,050.00	
Gerrish, James L	do	1,050.00	
Gobble, Washington	do	1,050.00	
Haggerty, John J	do	1,050.00	
Harpst, William	do	1,050.00	
Herriman, James	do	1,050.00	
Hickey, W. P	do	1,050.00	
Hiller, Christian	Stock examiner, at $900, and patrol stock examiner, at $1,000 and $1,200.	1,087.23	
Jacobson, John	Stock examiner, at $900 and $1,200	1,050.00	
Jerome, Hiram	do	912.50	
Kelly, J. F	do	1,050.00	
Kenneally, James S	Stock examiner, at $900, foreman of taggers, at $1,000, and stock examiner, at $1,200.	1,050.00	
Knee, Ira F	Stock examiner, at $900 and $1,200	1,050.00	
Koontz, Geo. W	do	1,050.00	
Leland, Henry	do	1,050.00	
Libby, Thos. M	do	1,050.00	
Lyman, R. E	do	1,050.00	
McLeland, Thomas A	do	1,050.00	
Madden, Michael J	do	1,050.00	
Massie, John C	do	665.00	
Morgan, Porter	do	850.00	
Morley, Henry	do	1,050.00	
Murphy, John	do	1,050.00	
Murphy, Jas. A	do	1,050.00	
Newton, Harrison L	do	1,050.00	
O'Brien, Terence	do	1,050.00	
Oshel, Thos. W	do	1,050.00	
Payne, Jacob I	do	990.00	
Pepperman, Alfred N	do	1,050.00	
Quirk, M. J	do	675.00	637.17
Richardson, J. H	do	1,050.00	
Rieman, Henry L	do	1,050.00	
Rowse, Charles W	Stock examiner, at $900, and patrol stock examiner, at $1,000 and $1,200.	1,083.34	
Rue, Ernest E	Stock examiner, at $900 and $1,200	1,050.00	
Ryan, John J	do	1,050.00	
Sarsfield, J. W	Stock examiner, at $900, meat inspector, at $1,000, and stock examiner, at $1,200.	763.89	
Saunders, Wm. H	Stock examiner, at $900 and $1,200	807.50	
Schauer, Henry	do	1,047.50	
Schroeder, Frank	do	1,050.00	
Simpson, Fred. L	do	1,050.00	
Stephens, Edwin E	do	1,050.00	
Stoner, Walter E	do	1,050.00	
Timmons, Wm. H	do	1,050.00	
Tippett, Wm. T	Stock examiner, at $900; meat inspector, at $1,000, and stock examiner, at $1,200.	964.99	7.80
Trainer, John	Stock examiner, at $900; patrol stock examiner, at $1,000, and stock examiner, at $1,200.	1,086.95	
Turner, Jos. M	Stock examiner, at $900; patrol stock examiner, at $1,000, and stock examiner, at $1,200.	784.17	
Wade, T. J	Stock examiner, at $900 and $1,200	1,050.00	
Wampler, James W	do	1,050.00	
Warner, Geo. D	Stock examiner, at $900, $1,000, and $1,200	1,050.00	1.05
Weller, H. B	Stock examiner, at $900 and $1,200	1,050.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Wheeler, D. N.	Stock examiner, at $900; foreman of taggers, at $1,000, and stock examiner, at $1,200.	$1,019.45	
Williams, Harvey D.	Stock examiner, at $900 and $1,200	1,050.00	
Winnie, D. A.	do	1,050.00	
Zuendel, T. B.	Stock examiner, at $900, $1,000, and $1,200	664.17	
Akin, L. C.	Stock examiner, at $900 and $1,000	950.00	
Baldwin, Wm. A.	do	742.50	$456.25
Berry, Winfield E.	do	950.00	
Bollinger, Howard L.	Stock examiner, at $900, and foreman of taggers, at $1,000.	975.00	
Borden, John J.	Stock examiner, at $900, and meat inspector, at $1,000.	964.72	79.50
Burkard, Jacob	Stock examiner, at $900 and $1,000	950.00	
Burton, J. W.	do	950.00	281.55
Carlton, Florence E.	Stock examiner, at $900, and meat inspector, at $1,000.	949.99	
Chapin, A. C.	Stock examiner, at $900 and $1,000	950.00	
Cunningham, Bernard	do	950.00	
Curtis, Chester J.	do	950.00	
Doyle, Wm. J.	do	933.34	
Fahrenbach, Frank A.	Stock examiner, at $900, and foreman of taggers, at $1,000.	975.00	
Feighner, John E.	Stock examiner, at $900 and $1,000	950.00	
Fila, Frank	do	950.00	
Forbes, Walter A.	Stock examiner, at $900, and foreman of taggers, at $1,000.	975.00	
Garlick, Wm. B.	Stock examiner, at $900 and $1,000	950.00	
Ford, James	do	950.00	
Fowkes, Albert, sr.	do	950.00	
Frantz, Will A.	do	975.00	
Garrity, John J.	do	950.00	
Hall, William E.	do	950.00	
Hansen, Thomas	do	912.51	
Healey, F. A.	do	769.72	
Herlinger, Frank H.	do	916.67	
Herron, F. P.	do	950.00	
Hoerner, Geo. J.	do	950.00	
Hogan, Edward P.	do	950.00	
Howard, De Lannes	do	950.00	
Hoyt, Seymour R.	Stock examiner, at $900; patrol stock examiner, at $1,000, and stock examiner, at $1,000.	973.06	
Humphrey, M. E.	Stock examiner, at $900 and $1,000	950.00	2.80
Hutchinson, Chas. B.	do	913.34	
Jacobs, Harry C.	Stock examiner, at $900; patrol stock examiner, at $1,000; foreman of taggers, at $1,000, and clerk, at $1,000.	800.00	27.75
Jaqua, Geo. E.	Stock examiner, at $900 and $1,000	950.00	
Johnson, H. C.	Stock examiner, at $900, and foreman of taggers, at $1,000.	979.17	
King, James L.	Stock examiner, at $900; clerk, at $900 and $1,000	887.50	
Kling, Myron H.	Stock examiner, at $900 and $1,000	950.00	
Knipple, Robt. G.	do	950.00	
Lauck, Edward C.	Stock examiner, at $900 and $1,000, and clerk, at $1,000.	950.00	
Luepke, John F.	Stock examiner, at $900 and $1,000	950.00	
McClure, John H.	Stock examiner, at $900, and clerk at $1,000	929.17	
McDonald, James	Stock examiner, at $900, and foreman of taggers, at $1,000.	979.17	
McGill, James L.	Stock examiner, at $900; meat inspector, at $1,000, and stock examiner, at $1,000.	981.67	
Mackut, Frank	Stock examiner, at $900 and $1,000	950.00	
Mahana, R. M.	do	933.34	
Mahoney, Arthur A.	Stock examiner, at $900 and $1,000, and foreman of taggers, at $1,000.	950.00	
Mahoney, T. B.	Stock examiner, at $900, and foreman of taggers, at $1,000.	962.50	126.88
Marshall, Geo. O.	Stock examiner, at $900, and meat inspector, at $1,000.	947.22	156.65
Messemer, George	do	950.00	
Miller, Arthur E.	do	950.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Molloy, J. J	Stock examiner, at $900, and meat inspector, at $1,000.	$975.00	.....
Munn, John E	....do	975.00	$53.45
Noonan, Thomas	Stock examiner, at $900 and $1,000	920.84	.....
Nowlan, Frank P	Stock examiner, at $900, and meat inspector, at $1,000.	975.00	.....
O'Keeffe, Matthew	Stock examiner, at $900, and foreman of taggers, at $1,000.	880.28	21.25
Olmstead, O. E. G	Stock examiner, at $900, and patrol stock examiner, at $1,000.	979.17	.....
Pagie, Chas. W., jr	Stock examiner, at $900, and foreman of taggers, at $1,000.	979.17	1.10
Pettey, Frederick O	Stock examiner, at $900 and $1,000	535.00	369.00
Pollitt, Frank E	Stock examiner, at $900, and foreman of taggers, at $1,000.	975.00	.....
Quinn, Matthew	Stock examiner, at $900 and $1,000	947.50	.....
Risley, Samuel A	....do	950.00	.....
Robinson, Matthew	....do	950.00	.....
Schmitt, C. J	....do	950.00	.....
Schumacher, Geo. E	....do	950.00	.....
Scott, A. R	Stock examiner, at $900, and foreman of taggers, at $1,000.	310.00	.....
Shale, Solomon C	Stock examiner, at $900 and $1,000	533.33	.....
Shannon, John W	....do	950.00	.....
Sharp, Guy A	....do	950.00	.....
Simpson, J. R	....do	875.00	.....
Smith, Philip	Stock examiner, at $900, and patrol stock examiner, at $1,000.	975.00	.....
Smith, Samuel T	Stock examiner, at $900 and $1,000	916.67	31.50
Sommer, Joseph M	Stock examiner, at $900, and foreman of taggers, at $1,000.	961.67	.....
Sowers, Sylvester S	....do	975.00	.....
Stumpf, Louis N	Stock examiner, at $900 and $1,000	950.00	.....
Sullivan, Wm. J	Stock examiner, at $900, and vessel inspector, at $1,000.	975.00	.....
Valentine, S. I	Stock examiner, at $900 and $1,000	950.00	.....
Walch, Charles I	....do	950.00	.....
White, T. A	....do	950.00	.....
Wood, G. W	....do	916.67	21.15
Alton, Daniel R	Stock examiner, at $900	900.00	.....
Dreyer, Lewis S	....do	900.00	.....
Frick, W. C	....do	880.00	.....
Graham, E. R	....do	150.00	.....
Granger, Dighton	....do	900.00	.....
Hendricks, Frank	....do	900.00	.....
Hersey, Walter H	....do	900.00	.....
Lee, Arthur J	....do	900.00	.....
Leyser, Jeremiah C	....do	675.00	.....
Lint, Henry M	....do	225.00	.....
Lovejoy, James E	....do	267.50	.....
McDonald, Donald	....do	890.00	.....
McFarland, Arthur J	....do	40.00	.....
McPartland, P. J	....do	900.00	.....
Mader, Abraham	....do	567.50	.....
Magee, Morton	....do	137.50	.....
Manny, Abram M	....do	660.00	.....
Mowrer, Wm. E	....do	75.00	.....
O'Neill, Frank	....do	202.50	.....
O'Rourke, Arthur J	....do	375.00	.....
Purcell, John, jr	....do	900.00	.....
Rarey, M. J	....do	900.00	.....
Somers, J. P	....do	470.00	.....
Sutherland, George	....do	612.50	.....
Waterman, F. D	....do	440.00	.....
Elliott, John A	Patrol tagger, at $900, and veterinary inspector, at $1,400.	947.23	4.40
Jenison, J. S	....do	941.67	.....
Loman, Fred	....do	951.39	21.35
Walkley, S. J	....do	956.95	12.30
Allen, J. S	Patrol tagger, at $900, and meat inspector, at $1,000.	975.00	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Edmond, Charles S	Patrol tagger, at $900, and foreman of taggers, at $1,000.	$787.51	
Payne, A. D	Patrol tagger, at $900, and meat inspector, at $1,000.	975.00	
Henry, Paul C	Patrol tagger, at $900, and stock examiner, at $900.	900.00	
Griffin, P. H	Patrol tagger, at $900	900.00	
Jacobus, Herman	do	900.00	
Walsh, Richard	do	900.00	
Weaver, Flavus	do	675.00	
Goebel, Fred J	Tagger, at $840 and $900	870.00	$13.82
Harrington, Chas. F	Tagger, at $840, and stock examiner, at $900	497.50	
Kostal, Anton	Tagger, at $840, and patrol tagger, at $900	885.00	
Leddy, Thomas	Tagger, at $840 and $900	870.00	
Summers, John	Tagger, at $840, and patrol tagger, at $900	890.00	3.80
Vandervoort, Chas	Tagger, at $840 and $900	858.33	
Dishong, Geo. M	Tagger, at $840	354.67	
Burke, Henry	Tagger, at $720, patrol tagger, at $900, and veterinary inspector, at $1,200 and $1,400.	413.00	
Koen, John S	Tagger, at $720, foreman of taggers, at $1,000, and veterinary inspector, at $1,400.	955.54	19.60
Reid, Joseph C	Tagger, at $720, and veterinary inspector, at $1,200 and $1,400.	356.22	
Burns, Edward J	Tagger, at $720, and meat inspector, at $1,000 and $1,200.	966.44	6.93
Campbell, P. W	do	965.66	23.13
Hattery, Morton	Tagger, at $720, and veterinary inspector, at $1,200.	414.00	
Lynch, John E	Tagger, at $720, patrol tagger, at $900, and veterinary inspector, at $1,200 and $1,400.	703.89	
Alexander, Wm. S	Tagger, at $720, and meat inspector, at $1,000	930.00	
Augspurger, Otto	Tagger, at $720, meat inspector, at $1,000, and tagger, at $840.	890.00	
Babb, George F	Tagger, at $720, patrol tagger, at $900, and foreman of taggers, at $1,000.	952.50	
Bailey, I. H	Tagger, at $720, and meat inspector, at $1,000	930.00	86.45
Boone, Frank L	do	457.78	38.40
Brown, Geo. S	do	913.67	43.70
Burrows, Wm. E	Tagger, at $720, and foreman of taggers, at $1,000.	930.00	
Caudy, W. M	Tagger, at $720 and $840, patrol tagger, at $900, and patrol stock examiner, at $1,000.	819.17	
Churchill, W. E	Tagger, at $720, and foreman of taggers, at $1,000.	930.00	6.06
Crean, Michael	Tagger, at $720, and meat inspector, at $1,000	860.00	7.90
Crumbaugh, L. W	do	856.89	25.49
Dalzell, Howard H	Tagger, at $720, meat inspector, at $1,000, and tagger, at $840.	884.89	
Danaher, W. E	Tagger, at $720, and foreman of taggers, at $1,000.	895.01	
Edinger, Harry L	Tagger, at $720, patrol tagger, at $900, and meat inspector, at $1,000.	945.00	
Eyre, Will H	Tagger, at $720, and meat inspector, at $1,000	900.00	
Fenstermacher, L. S. A	Tagger, at $720, patrol tagger, at $900, and foreman of taggers, at $1,000.	888.34	19.86
Fisher, Wm. H	Tagger, at $720 and $840, and foreman of taggers, at $1,000.	826.67	
Fletcher, G. C	Tagger, at $720, and meat inspector, at $1,000	929.99	
Ford, A. W	do	930.00	
Gilmore, Frank J	Tagger, at $720, and foreman of taggers, at $1,000.	930.00	22.72
Grant, Geo. K	do	883.34	16.00
Halbisch, Harry	do	941.67	
Jordan, Charles N	do	918.34	
McMinstry, Charles	do	941.67	
Matthews, J. K	Tagger, at $720, and meat inspector, at $1,000	930.00	
Maxwell, George E	Tagger, at $720, meat inspector, at $1,000, and tagger, at $840.	890.00	
Miller Harry L	Tagger, at $720 and $900, and meat inspector, at $1,000.	929.17	29.06

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Miller, Thomas C	Tagger, at $720, meat inspector, at $1,000, and tagger, at $840.	$877.17	
Milner, Clarence A	Tagger, at $720, and foreman of taggers, at $1,000.	930.00	
Moon, Roddy K	Tagger, at $720, and meat inspector, at $1,000	930.00	$26.40
Roberts, E. S	Tagger, at $720, and foreman of taggers, at $1,000.	937.67	
Shelton, James E	do	893.34	
Sigrist, Fred C	Tagger, at $720, meat inspector, at $1,000, and tagger, at $840	634.67	
Smith, H. A	Tagger, at $720, foreman of taggers, at $1,000, and stock examiner, at $900.	929.17	
Snyder, Alva	Tagger, at $720, patrol tagger, at $900, and meat inspector, at $1,000.	782.22	36.20
Stubbs, Sherman C	Tagger, at $720, and meat inspector, at $1,000	930.00	7.81
Turner, A. J	Tagger, at $720, patrol tagger, at $900, and patrol stock examiner, at $1,000.	847.17	
Ulmer, Henry C	Tagger, at $720, and foreman of taggers, at $1,000.	930.00	
Wagner, Clarence L	Tagger, at $720, and meat inspector, at $1,000.	870.00	8.80
White, Timothy P	Tagger, at $720, patrol tagger, at $900, patrol stock examiner, at $1,000 and stock examiner, at $900.	915.84	14.30
Wilhelm, John W	Tagger, at $720, and foreman of taggers, at $1,000.	941.67	
Wride, Geo. A	do	930.00	
Adams, Ethan	Tagger, at $720 and $840, and stock examiner, at $900.	794.50	
Amos, Wm. M	Tagger, at $720, and patrol tagger, at $900	653.00	
Atchison, John L	Tagger, at $720 and $900, and stock examiner, at $900.	789.00	2.80
Bagshaw, Kenzie S	Tagger, at $720 and $840, and stock examiner, at $900.	797.50	31.30
Bennett, Wm	Tagger, at $720 and $900	810.00	
Bitner, W. A	do	810.00	
Blair, John T	do	810.00	
Blondell, Joseph E	do	808.00	
Botteron, F. A	Tagger, at $720 and $840, and stock examiner, at $900.	787.50	
Bratton, James W	Tagger, at $720, and patrol tagger, at $900	870.00	
Breid, David W	do	855.00	
Brown, James R	do	534.50	
Brown, John W	do	870.00	
Bryant, Wm. C	do	875.50	
Bullard, Lewis L	Tagger, at $720 and $900	810.00	
Burleigh, Frank H	Tagger, at $720 and patrol tagger, at $900	870.00	
Cain, Wm. H	do	750.00	
Cannon, James R	do	862.50	
Carr, Joseph G	Tagger, at $720 and $900	780.00	
Chamberlin, Wm. E	Tagger, at $720 and $840, and clerk, at $900	797.50	12.95
Chojnacki, Michael	Tagger, at $720, and patrol tagger, at $900	855.00	
Clark, W. D	Tagger, at $720 and $900	810.00	
Clifford, Maxwell	Tagger, at $720, and clerk, at $900	674.50	
Condon, James	Tagger, at $720 and $900	806.00	
Cooper, Frederick H	Tagger, at $720, and patrol tagger, at $900	737.00	
Culver, E. G	do	614.00	19.80
Cunningham, N. G	Tagger, at $720 and $840, and stock examiner, at $900.	800.00	
Damman, F. A	Tagger, at $720 and $900	633.50	
Denton, Jacob M	Tagger, at $720, and patrol tagger, at $900	692.00	
Dey, Robert F	do	673.50	
Donham, Lewis S	do	739.50	
Donohue, Will W	do	665.00	
Driscoll, Louis J	do	755.50	
Durkee, John R	Tagger, at $720 and $840, and stock examiner, at $900.	797.50	
Ebling, John W	Tagger, at $720, patrol tagger, at $900, and tagger, at $840.	759.67	
Eisenreich, Chas	Tagger, at $720 and $900	726.00	
Evans, Elmer E	Tagger, at $720, and clerk, at $900	832.50	
Ewing, John L	Tagger, at $720, and stock examiner, at $900	832.50	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Faulder, Ernest T.	Tagger, at $720 and $840, and stock examiner, at $900.	$792.50	
Foley, James	Tagger, at $720 and $900	806.00	
Forbes, Reuben	....do	810.00	
Fox, William	....do	810.00	
Gale, Howard C.	Tagger, at $720, and patrol tagger, at $900	640.50	
Gjertson, Albert G.	Tagger, at $720 and $840, and stock examiner, at $900.	790.00	$36.70
Glover, Edward K	....do	797.50	
Gray, Robert	Tagger, at $720 and $900	810.00	
Hunn, G. Z	Tagger, at $720, and patrol tagger, at $900	462.00	
Hagemann, Louis C	....do	855.00	
Hard, Larkin E	....do	527.00	
Harmeyer, Lloyd C	....do	658.00	
Harper, E. A	Tagger, at $720 and $840, and stock examiner, at $900.	781.50	
Harper, William A.	Tagger, at $720, and patrol tagger, at $900	725.50	
Hart, John E.	Tagger, at $720 and $900	810.00	
Harwood, Thomas	Tagger, at $720, and patrol tagger, at $900	733.00	
Hauber, John F.	....do	555.00	
Helvey, Orlando W	....do	855.00	6.20
Huxley, W. J.	....do	552.50	12.20
Jeffrey, James G	Tagger, at $720, and stock examiner, at $900	832.50	
Jenkins, William	Tagger, at $720 and $840, and stock examiner, at $900.	785.00	19.70
Johnson, Mandius	Tagger, at $720, and patrol tagger, at $900	519.00	
Jones, Fred B	....do	726.50	20.20
Jost, August	....do	877.50	
Justinger, Michael	Tagger, at $720 and $900	810.00	
Kellner, Aaron F	Tagger, at $720, patrol tagger, at $900, and stock examiner, at $900.	870.00	
Kelly, John J	Tagger, at $720, and patrol tagger, at $900	822.00	
Ketcham, J. F	....do	440.00	
Knox, Harrison H	Tagger, at $720 and $900	810.00	
Laird, E. E	....do	810.00	
Leech, Walter W	Tagger, at $720, and patrol tagger, at $900	572.50	3.27
Leismann, Jacob	Tagger, at $720 and $900	807.50	
Lewis, John D	Tagger, at $720, and patrol tagger, at $900	705.00	
Lightner, Len C	....do	463.00	8.12
Lorenzen, John C	Tagger, at $720 and $900	809.00	
Lynch, Daniel	....do	810.00	
Lyon, Raymond F	Tagger, at $720, and patrol tagger, at $900	750.00	7.95
McCann, John	Tagger, at $720 and $900	803.00	
McCraith, Daniel L	Tagger, at $720 and $840, and patrol tagger, at $900.	807.83	
McEwen, James E	Tagger, at $720, and patrol tagger, at $900	694.50	
McKay, William	Tagger, at $720 and $900	585.00	
McKibbin, John A	Tagger, at $720, patrol tagger, at $900, tagger, at $840, and stock examiner, at $900.	707.50	
McLaughlin, P. S	Tagger, at $720, patrol tagger, at $900, and stock examiner, at $900.	870.00	
Maxon, Albert T	Tagger, at $720, and patrol tagger, at $900	410.00	
Maxson, Rufus Y	Tagger, at $720 and $840, and stock examiner, at $900.	795.00	
Meade, Albert M	....do	790.00	
Metzger, Michael	Tagger, at $720 and $900	510.00	
Meyers, Geo. W	Tagger, at $720, and clerk, at $900	825.00	
Miller, Samuel H	Tagger, at $720, and patrol tagger, at $900	870.00	
Moon, Charles E	....do	780.00	
Munn, Simon G	....do	877.50	
Murphy, Wm. H	Tagger, at $720 and $840, and stock examiner, at $900.	797.50	
Payton, John B	Tagger, at $720 and $900	758.00	
Pearce, Chas. E	Tagger, at $720, and patrol tagger, at $900	825.00	
Pickett, Theo	Tagger, at $720 and $840, and stock examiner, at $900.	900.00	
Pilchard, Mack R	....do	797.50	4.05
Platt, Daniel S	Tagger, at $720 and $900	810.00	
Purdum, Burt O	....do	408.50	
Ray, John C	Tagger, at $720, and patrol tagger, at $900	679.50	
Ravenomb, Loris T	....do	474.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

t of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington—Cont'd.			
Albert M., jr	Tagger, at $720, and patrol tagger, at $900	$374.50	
son, James T	Tagger, at $720 and $900	810.00	
, Leonard S	Tagger, at $720, and patrol tagger, at $900	877.50	
l, Rufus C	do	803.00	$28.95
Vinton D	do	612.50	
Theodore	Tagger, at $720 and $900	810.00	
, Henry	Tagger, at $720, and patrol tagger, at $900	855.00	
ier, Geo. H	Tagger, at $720 and $900	810.00	
ll, Harry A	do	810.00	
homas	do	810.00	
Frank L	Tagger, at $720, and stock examiner, at $900	832.50	
dge, Ireneus	Tagger, at $720 and $900	810.00	
Thomas M	do	537.50	
ohn W	Tagger, at $720 and $840, and stock examiner, at $900.	800.00	
r, Clyde G	do	786.00	
d, James R	Tagger, at $720 and $900	810.00	
ames M	do	791.00	
John F	Tagger, at $720, and patrol tagger, at $900	474.50	
n, Joseph	Tagger, at $720 and $900	810.00	
Arthur A	Tagger, at $720 and patrol tagger, at $900	735.00	
ohn A	do	680.00	
ns, Wilfred H	do	713.00	
s, Fred P	Tagger, at $720 and $840, and stock examiner, at $900.	792.50	14.16
Don C	Tagger, at $720, and patrol tagger, at $900	458.50	
ton, J. E	Tagger, at $720 and $900	810.00	
e, Jesse F	Tagger, at $720, and patrol tagger, at $900	732.50	
Geo. E	Tagger, at $720, patrol tagger, at $900, and stock examiner, at $900.	780.00	
Harvey L	Tagger, at $720, and patrol tagger, at $900	850.00	
Walter	Tagger, at $720 and $900	793.00	
, Nelson E	do	750.00	
, Alva C	Tagger, at $720 and $840, and clerk, at $900	797.50	
rman, James A	Tagger, at $720 and $840, and stock examiner, at $900.	787.50	
, Scott S	Tagger, at $720 and $840	732.00	
g, John A	Tagger, at $720, and clerk, at $840	718.00	37.30
Sebastian E	Tagger, at $720 and $840	770.00	
Victor F	do	735.33	
seph	do	780.00	
Carlton	do	780.00	
ayes S	do	710.00	3.25
m. F	do	780.00	
ohn	do	780.00	
perger, H. B	do	745.33	
Geo. W	do	780.00	
s, John W	do	780.00	
Robert L	do	780.00	
Oliver P	do	780.00	28.80
Raymond W	do	780.00	29.65
James F. M	do	780.00	
J. D	Tagger, at $720	162.00	
on, Edward A	do	556.00	
y, Homer F	do	28.00	
l, Elmer R	do	156.00	
Frank E	do	554.00	
Lorin	do	540.00	
Roy B	do	136.00	
E. T	do	176.00	34.35
Benj. W	do	530.00	
Joseph A	do	188.00	31.25
, Alec	do	420.00	
Leroy W	do	392.00	
homas D	do	110.00	
illiam A	do	540.00	
Carl M	do	356.00	5.25
, James J	do	644.00	25.35
olomon	do	212.00	
Charles J	do	316.00	
Jesse M	do	264.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Beeson, George M.	Tagger, at $720	$416.00	
Bell, Charles M.	do	539.00	
Bevelot, Clement	do	202.00	
Bianco, John	do	240.00	
Bishop, Louis A.	do	420.00	
Bittman, George F.	do	102.00	
Borden, Alfred M., jr.	do	22.00	
Bouvier, Leland E.	do	696.00	$66.30
Boyd, M. E.	do	660.00	
Brashear, Will M.	do	672.00	
Breslin, James P.	do	100.00	
Broderson, Morris	do	54.00	
Brodrick, Isaac A.	do	60.00	
Brooks, J. Ernest	do	180.00	
Brown, Charles H.	do	540.00	
Brown, Samuel W.	do	166.00	
Brown, Walter L.	do	6.00	
Buford, Elda	do	540.00	14.45
Bundrant, Wm. C.	do	570.00	
Burke, Geo. A.	do	566.00	
Burkert, Edward L.	do	10.00	
Burns, Weighman R.	do	418.00	
Burwell, William	do	548.00	80.15
Butts, Henry	do	570.00	18.95
Cahill, Edward	do	240.00	
Calderwood, James	do	354.00	
Callanan, B. G.	do	110.00	9.10
Campbell, Homer D.	do	118.00	
Carey, Vincent J.	do	558.00	
Carriker, Frank G.	do	38.00	
Casey, John J.	do	250.00	
Caviel, Andrew B.	do	176.00	
Chesley, John W.	do	218.00	
Clark, Albert O.	do	240.00	
Cleary, Thomas	do	240.00	
Cleary, Thos. F.	do	346.00	5.77
Clemons, Stanley	do	6.00	
Coffman, R. E.	do	540.00	2.35
Connelly, James F.	do	256.00	
Conner, Dellas W.	do	48.00	
Conroy, Geo. A.	do	96.00	
Cope, Charles	do	234.00	
Copelan, Samuel L.	do	698.00	
Coppage, Henry C.	do	60.00	
Corbett, Charles M.	do	138.00	
Coulter, Chas. M.	do	386.00	
Coulter, Irvine	do	6.00	
Craig, A. Rile	do	562.00	3.60
Craig, C. F.	do	26.00	
Crosby, Frank	do	104.00	12.40
Cully, John	do	234.00	
Curry, Aquilla R.	do	420.00	
Curry, Fay	do	156.00	
Curtis, Wilbert A.	do	672.00	
Davis, Everett W.	do	642.00	
Davis, Thomas L.	do	530.00	
Dawson, Gilbert H.	do	98.00	
De Forest, Wm. H.	do	6.00	
De Hart, Leon J.	do	180.00	
Dietrich, Ernest L.	do	298.00	11.53
Doane, William E.	do	438.00	5.50
Doubley, Thomas W.	do	402.00	
Doughman, Isaac H.	do	420.00	
Driscoll, John J.	do	248.00	
Driscoll, Nicholas J.	do	14.00	
Drum, Michael	do	238.00	
Edwards, Thomas H.	do	718.00	
Eggebrecht, Wm. C. H.	do	540.00	32.30
Eichelberger, A. M.	do	220.00	
Endsley, Wm. L.	do	538.00	
Ertsman, Chas. L.	do	370.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station. and field expenses.
Out of Washington—Cont'd.			
Ervin, Clarence	Tagger, at $720	$538.00	$7.75
Eubanks, Oliver P	....do	588.00	.....
Falls, John D	....do	402.00	.....
Fladness, Sever O	....do	488.00	.....
Foard, William E	....do	676.00	.....
Foley, Daniel P	....do	72.00	.....
Folts, John H	....do	320.00	.....
Fortune, Steven G	....do	660.00	.....
Franklin, R. M	....do	600.00	.....
Frey, Abe B	....do	60.00	.....
Frey, Joseph	....do	402.00	.....
Friedrichs, Geo., jr	....do	232.00	.....
Frizzell, Wm. H	....do	180.00	.....
Funk, Charles A	....do	2.00	.....
Fusselman, Milton	....do	540.00	.....
Galvin, Patrick A	....do	256.00	.....
Gardner, Arthur G	....do	244.00	.....
Geise, William	....do	230.00	.....
Gibson, Francis M	....do	388.00	14.20
Goldmann, Leon	....do	238.00	.....
Grayson, Oscar H	....do	392.00	60.85
Greenough, A. F	....do	526.00	.....
Hadley, Carl E	....do	351.00	.....
Haldeman, Wm. J	....do	366.00	.....
Hall, Abraham	....do	250.00	.....
Hall, Chas. A	....do	608.00	.....
Hall, Edward	....do	10.00	.....
Hamilton, Thomas B	....do	686.00	.....
Harris, Reuben H	....do	240.00	.....
Hartman, Samuel	....do	240.00	.....
Haughawont, L. L	....do	512.00	.....
Hawkins, Jesse H	....do	720.00	14.60
Hawkins, Robert B	....do	366.00	.....
Haynes, Harry W	....do	346.00	.....
Hazeldine, Thomas A	....do	88.00	.....
Hellreigl, Fred W	....do	264.00	.....
Hervey, Hugh H	....do	400.00	.....
Hewson, George	....do	720.00	.....
Hickman, John L	....do	672.00	.....
Higgins, Jacob A	....do	116.00	.....
Higgins, J. Willard	....do	60.00	.....
Hill, Perry R	....do	16.00	.....
Hines, Lindley M	....do	200.00	.....
Hobbs, Victor O	....do	62.00	.....
Holmes, Brayton A	....do	480.00	.....
Holt, Benj. F	....do	436.00	.....
Hornlein, Otto	....do	720.00	.....
Horrigan, Joseph	....do	12.00	.....
Hoylman, Adger A	....do	526.00	.....
Hudson, Fredk. W	....do	420.00	.....
Hudson, W. H	....do	314.00	.....
Huffman, P. J., jr	....do	666.00	.....
Hufford, Eldo E	....do	540.00	.....
Huhn, Otto W	....do	554.00	.....
Hull, Bertram C	....do	60.00	.....
Hunter, Theodore A	....do	32.00	.....
Hurley, Daniel J	....do	554.00	.....
Jacobs, James J	....do	110.00	.....
Jones, Frank F	....do	412.00	27.95
Kaufman, W. D	....do	12.00	.....
Keleher, T. F	....do	582.00	18.26
Kennedy, James B	....do	232.00	.....
Kilventon, Walter J	....do	210.00	.....
King, Samuel A	....do	420.00	.....
Kirk, Joseph L	....do	606.00	23.25
Kirsch, Gustave	....do	88.00	18.55
Kniffen, Earl R	....do	640.00	.....
Koen, Hardy G	....do	50.00	77.85
Koontz, Harry E	....do	540.00	.....
Kraft, Wm. E	....do	540.00	.....
Kruse, Fred	....do	404.00	.....

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Kull, Wm. R	Tagger, at $720	$170.00	
Lalor, Joseph J	do	220.00	
Laster, Geo T	do	568.00	$16.90
Lawrence, Harvey J	do	698.00	
Lee, Oscar R	do	566.00	47.90
Leeman, Thos. H	do	392.00	
Lentz, Edward S	do	60.00	279.95
Lewis, Chas. C	do	540.00	
Lobejager, John	do	262.00	
Logan, John W	do	540.00	
Lonnon, Charles	do	540.00	
McCarthy, Edwin J	do	68.00	
McCulloch, Donald	do	522.00	
McDaniel, Oscar D	do	92.00	
McDermott, Thos. F	do	42.00	
McDonnell, Wm	do	452.00	
McEntyre, Joseph A	do	238.00	
McGreevy, Jos. P	do	154.00	
McHugh, Patrick	do	248.00	
McKinney, Ora O	do	672.00	
McKinstry, Geo. W	do	460.00	
McWilliams, Jos. R	do	536.00	
Mahoney, T. H	do	10.00	
Marcinski, Frank	do	540.00	
Marshall, Frank L	do	640.00	
Martin, T. J	do	56.00	
Maxwell, Walter C	do	82.00	
Michael, Chas. E	do	558.00	
Midkiff, Henry F	do	60.00	
Miller, Oscar V	do	68.00	
Mills, Nathan K	do	34.00	
Moore, Henry C	do	62.00	
Morgan, Paul G	do	540.00	
Morrissey, Thos. F	do	492.00	
Moss, Clayton F	do	538.00	
Mull, Samuel E	do	698.00	
Murphy, Glen	do	382.00	32.15
Murphy, James J	do	150.00	
Murphy, John P	do	30.00	
Neal, John H	do	510.00	
Nuckols, Jacob E	do	566.00	
O'Brien, James	do	250.00	
O'Brien, John	do	250.00	
Olson, Luther E	do	458.00	4.60
Olson, Olaf J	do	572.00	35.79
O'Neill, John	do	252.00	
Orme, F. W	do	392.00	
Osborn, H. L	do	688.00	
Paden, Charles W	do	246.00	
Parks, Virgil H	do	174.00	
Patterson, William E	do	688.00	
Peppard, Edward A	do	540.00	
Peters, George C	do	586.00	
Pettis, Albert W	do	562.00	
Phettiplace, F. R	do	538.00	32.05
Phillips, Isaac B	do	582.00	
Phillips, Oscar	do	608.00	
Phillips, Winfred H	do	346.00	
Pierce, Frank	do	168.00	
Pigott, William	do	68.00	1.25
Porter, Lee E	do	358.00	
Pruitt, S. D	do	146.00	
Reardon, John D	do	650.00	
Reed, Wesley W	do	530.00	
Reeves, Waverly H	do	540.00	
Reinhart, Chas. E	do	28.00	
Rhoads, Harry	do	704.00	
Rich, Walter	do	12.00	
Riley, Frank C	do	720.00	
Rinn, Patrick	do	358.00	
Ritman, William H	do	720.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Robinson, Oscar C.	Tagger, at $720	$540.00	
Rucker, John T.	....do	56.00	
Russell, Fred S.	....do	720.00	
Ryan, Joseph	....do	156.00	
Salsbury, Chas. E.	....do	582.00	
Samuel, Alfred A.	....do	720.00	
Savage, J. B.	....do	600.00	
Schibsby, L.	....do	234.00	
Schluderberg, Ernest	....do	540.00	
Schlytter, H. R.	....do	48.00	
Schoerve, H. R.	....do	540.00	
Schumacher, C.	....do	172.00	
Schuster, Henry	....do	420.00	
Seals, Walter L.	....do	646.00	
Seidler, George	....do	262.00	
Severance, Glen R.	....do	718.00	
Seybold, Chas. M.	....do	540.00	
Shambeau, Chester E.	....do	56.00	
Shanley, Joseph A.	....do	540.00	
Sharp, Fred M.	....do	613.00	$3.15
Shattuck, Francis R.	....do	572.00	
Shaffstall, Albert C.	....do	558.00	
Shore, Fred V.	....do	694.00	
Simpson, L. W.	....do	46.00	
Sklenka, Fred	....do	252.00	
Slagle, Marvin C.	....do	158.00	
Sloat, Henry	....do	720.00	
Smith, Emory H.	....do	138.00	
Smith, Fred	....do	254.00	
Smith, Howard C.	....do	290.00	
Smith, Walter E.	....do	490.00	
Sniffin, Charles E.	....do	360.00	11.04
Snyder, Bliss	....do	90.00	
Snyder, William J.	....do	102.00	
Spurlock, Wm. J.	....do	600.00	
Stackhouse, Thos. E.	....do	698.00	
Stilling, Louis J.	....do	250.00	
Stockstill, W. D.	....do	298.00	
Stone, George W.	....do	720.00	
Stoneburner, J. D.	....do	660.00	
Strehlman, W. G.	....do	420.00	
Streit, John E.	....do	60.00	
Stroud, William C.	....do	572.00	
Sturgis, Zadok	....do	170.00	
Swint Jacob	....do	162.00	
Taake, R. E.	....do	498.00	
Taylor, Alfred A.	....do	676.00	
Taylor, Hurd B.	....do	458.00	
Taylor, Major C.	....do	402.00	
Thompson, Henry S.	....do	204.00	
Thompson, James R.	....do	434.00	9.65
Thullen, Chas. F.	....do	650.00	
Tichenor, Walter A.	....do	684.00	
Tims, John, jr.	....do	152.00	
Tompkins, Jos. M.	....do	20.00	
Vandergriff, E. R.	....do	166.00	
Vanscoy, Robt. M.	....do	678.00	2.60
Venn, James	....do	112.00	
Waddle, Harry P.	....do	540.00	19.88
Waller, Chas. W.	....do	420.00	9.10
Weathers, Elmer L.	....do	152.00	
Weaver, John H.	....do	104.00	
Webb, Johnnie W.	....do	640.00	58.25
Welch, Homer G.	....do	38.00	
Wepfer, Alfred	....do	10.00	
West, C. L.	....do	540.00	
Wetzel, Geo. H.	....do	518.00	14.85
White, Francis W.	....do	704.00	
White, John D.	....do	720.00	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Wilkinson, James O	Tagger, at $720	$156.00	
Williams, Fall T	do	538.00	
Williams, Homer W	do	720.00	
Williams, Wm. E	do	508.00	$6.65
Wiltse, Charles	do	22.00	
Wirthwine, Arthur L	do	308.00	
Womack, John T	do	672.00	
Woolm, James E	do	248.00	
Wright, Burdick E	do	314.00	8.55
Ball, Isaac L	Clerk, at $1,200	106.67	
Dietrich, Ephraim	do	1,200.00	1.95
Hostetler, Altine	Clerk, at $1,200 and $1,400	1,275.00	101.62
McEnany, Jos. P	Clerk, at $1,200	1,200.00	
Small, Cyrus K	Clerk, at $1,200 and $1,400	1,333.34	
Wolf, Max	Clerk, at $1,200	900.00	
Bigley, Chas. J	Clerk, at $1,000 and $1,200	1,116.66	
Conoyer, Charles	Clerk, at $1,000	1,000.00	
Crawford, Wm. S	Clerk, at $1,000 and $1,200	1,116.66	
Due, Immanuel	Clerk, at $1,000	1,000.00	3.95
Fitzgerald, J. N	Clerk, at $1,000 and $1,200	1,146.67	
Herrick, Hiram G	Clerk, at $1,000	1,000.00	
Hoyt, Albert H	do	1,000.00	
Luce, E. B	Clerk, at $1,000 and $1,200	1,150.00	?
Miller, Samuel M	Clerk, at $1,000	83.34	
Morse, Chas. H	do	955.55	
O'Malley, J. J	Clerk, at $1,000 and $1,200	1,150.00	
Paine, Phelps	Clerk, at $1,000	1,000.00	
Pew, Chas. S	Clerk, at $1,000 and $1,200	1,150.00	
Philpot, Charles W	do	1,150.00	
Schuman, Chas	Clerk, at $1,000, $1,200, and $840	245.01	
Tourtellotte, S. H	Clerk, at $1,000 and $1,200	1,147.23	
Vance, I. N	Clerk, at $1,000	1,000.00	
Alexander, J. O. W	Clerk, at $900 and $1,000	958.34	
Black, Ralph W	Clerk, at $900	480.00	
Busteed, Henry W	Clerk, at $900 and $1,000, and meat inspector, at $1,000.	979.17	
Carroll, John H	Clerk, at $900 and $1,000	983.34	
Clark, Geo. W	Clerk, at $900	900.00	
Grady, Martin P	Clerk, at $900 and $1,000	983.34	
Harris, Albert E	Clerk, at $900	150.00	
Leighton, Orrin L	Clerk, at $900 and $1,000	975.00	
Newlove, Harry S	do	466.67	
Newman, Ben F	Clerk, at $900	900.00	
O'Brien, Joseph C	do	357.50	
Reinsch, Geo. J	Clerk, at $900 and $1,000	958.34	
Schwahn, Ella	Clerk, at $900	627.50	
Smiley, Arthur R	do	622.50	
von Dorn, Calvin W	do	900.00	
Workheiser, H. F. R	do	900.00	29.72
Baily, Wm. E	Clerk, at $840	476.00	
Baldwin, Henry B	Clerk, at $840 and $900	542.00	
Barrett, James W	Clerk, at $840	630.00	
Bayliss, Harry A	do	326.67	
Belt, Herbert C	do	690.67	
Burson, Wm. M	Clerk, at $840, foreman of taggers, at $1,000, and veterinary inspector, at $1,200 and $1,400.	979.44	22.95
Cole, Myron A	Clerk, at $840	576.33	
Cooper, Wm. L	do	550.67	17.90
Craigie, Francis L	do	79.33	
Hughes, George H	do	536.67	
Jackson, Edgar	do	840.00	
Jones, George S	do	840.00	
Littlejohn, H. I	do	574.00	
Monnett, Wm. E	do	501.67	
Mumm, John	do	840.00	
Newberry, George W	do	501.67	
Reynolds, Bronte A	do	364.00	4.95
Scheid, Arthur H	do	483.00	
Suiter, Chas. S	do	515.67	
Thompson, Geo. F., jr	do	569.33	
Windham, Chas. F	do	597.33	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Hickman, Jessie	Clerk, at $720 and $900	$855.00	
Richards, Alice H.	Clerk, at $720	652.00	
Williams, Marion	....do	436.00	
Le Doux, Oscar M.	Clerk-typewriter, at $900	350.00	
Hotaling, Ellis K.	....do	350.00	
Ellmaker, H. D.	Clerk-typewriter, at $840	431.67	$50.20
Hillegass, Harry E.	....do	429.33	
Hoff, R. Warren	....do	399.00	
Kitzhofer, Jos. H.	....do	177.33	
Osborn, C. F.	....do	175.00	
Putnam, L. R.	....do	420.00	
Walshe, W. Joseph	....do	436.33	
Moore, Frederick W.	Clerk, stenographer, and typewriter, at $900	710.00	
Brackett, I. S.	Clerk, stenographer, and typewriter, at $600	148.33	
Brookington, B.	Carpenter, at $4 per diem	36.00	
Coles, Richmann	Laborer, at $2.50 per diem	765.00	2.25
Tuke, W. F.	Laborer, at $2.50 per diem, and meat inspector, at $1,000.	649.17	
Costello, Fred.	Laborer, at $720	18.00	
Hughes, James F.	Laborer, at $720, patrol tagger, at $900, and meat inspector, at $1,000 and $1,200.	871.17	25.19
McDermott, Roger	Laborer, at $720	336.00	
Parkerson, Wm. E.	....do	264.00	
Beckstead, F. H.	Laborer, at $2 per diem	264.00	3.35
Burke, James F.	....do	22.00	
Coleman, G. J.	Laborer, at $2 per diem, and tagger, at $720	602.00	
Davis, John B.	Laborer, at $2 per diem	210.00	
Deen, James	....do	544.00	
Grable, Hiram	Laborer, at $2 per diem, tagger, at $720, and classified laborer, at $840.	699.00	
Eastman, J. O.	Laborer, at $2 per diem, and tagger, at $720	640.00	
Donnan, A. E.	Laborer, at $2 per diem	194.00	
Harrington, Daniel P.	....do	134.00	
Hubbard, Henry F.	Laborer, at $2 per diem, and tagger, at $720	628.00	
Ivers, Robert	Laborer, at $2 per diem	450.00	
McClure, Stephen A.	....do	102.00	
McCune, Stephen	....do	120.00	
Melvin, O. E.	....do	616.00	
Menig, Albert	....do	74.00	
Riston, William G.	....do	6.00	
Sergeant, F. W.	Laborer, at $2 per diem, and tagger, at $720	700.00	
Small, J. M.	Laborer, at $2 per diem	258.00	
Smith, Wm.	....do	244.00	
Watson, W. G.	....do	106.00	
Dewey, Edith W.	Laborer, at $30 per month	273.00	
Lace, Isabella	....do	39.00	
Morrison, Mary	....do	360.00	
Howard, Leonard	Laborer, at $1.50 per diem	1.50	
Perry, Harry	....do	1.50	
Stelljes, H. E. A.	Messenger, at $360	255.00	
Elliott, Ella F.	Charwoman, at $0.75 per diem	233.25	
Total		1,784,379.92	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000."

Name.	Amount.
Stationery.	
Abbe, C. M.	$0.40
American Lead Pencil Co.	432.75
Andrews Co., A. H.	2.25
Andrews Paper Co., R. P.	194.70
Arp, J. H.	11.00
Autofiller Pen Co.	8.00
Ballantyne, R. Carter	235.51
Beavers, G. F.	.50
Berkmeyer, Keck & Co.	5.50
Brentano's (Incorporated)	2.75
Buckley & Co. (Limited), J.	4.75
Bunker & Fretz	7.50
Burke Co., J. W.	9.50
Burnap Stationery and Printing Co., F. P.	30.00
Buxton & Skinner Stationery Co	30.75
Calloway Co., B. F.	6.25
Chadwick Copying Book Co.	983.59
Chamberlain & Taylor Co.	11.00
Clarke, John S.	4.50
Cotterel, D. W.	9.50
Cunningham, Curtis & Welch	5.50
Davison & Co., H. C.	73.10
Eagle Pencil Co.	36.24
Fisher-McGill Co.	.45
Goldsmith Book and Stationery Co.	3.50
Graves & Son, Jos.	5.00
Harger & Blish	5.50
Havens Co., Jos. D.	6.50
Haskins Co., Wm. H.	40.00
Hooper Co., Lewis	56.42
Huston, F. S.	4.00
Inglis Stationery Co.	14.95
Jackson, Horace H.	2.45
Keystone Printing Co.	5.50
Lamb & Tilden	96.20
Lewis & Co., W. Cary	46.05
Library Bureau	302.03
Lincoln, Fred S.	1.45
Lindemeyr, Philip	88.80
McDowell Bros.	7.25
McKinney & Doubleday	18.50
Malcolm, T. H.	3.00
Miller & Co., G. W.	17.50
Miller & Co., W. R.	11.00
Morrison Paper Co., E.	61.50
Office Supply Co.	7.00
Orchard & Wilhelm Carpet Co.	.40
Otto Ulbrich Co.	1.10
Parker, D. Frank	490.65
Plimpton Manufacturing Co. Div.	11.00
Pusey & Co.	11.50
Read & White	6.25
Schmidt, Fred A.	8.80
Sharp & Sons, F.	6.00
Smith Premier Typewriter Co.	30.00
Smith Manufacturing Co., R. H.	45.05
Southern Stamp & Stationery Co.	8.00
Stiles, C. H.	4.25
Stockett Fiske Co.	13.20
Stoll Blank Book and Stationery Co.	19.50
Stott & Co., Chas. G.	4.10
Stott Stationery Co.	22.25
Swayze, W. L.	3,487.41
Thatcher & Kling	12.00
Thomson, C. S.	9.75
Tower Manufacturing and Novelty Co	30.34
Typewriter and Office Supply Co.	2.25
Union Envelope Co.	255.00
United States Envelope Co.	1,268.73
Universal Register Co.	5.50
Walls, A. C.	1.55
Ward Co., Samuel	30.00
Wilson Co., Thos. H.	7.00
Winch-Slayden Stationery Co.	7.00
Wyckoff Co.	8.75
Yawman & Erbe Manufacturing Co.	$211.98
Zeisenietz, Wm. H.	6.30
Total	8,935.70
Miscellaneous supplies, etc.	
Abell Company, A. S.	10.58
Adams, Byron S.	5,520.00
Advertiser Co., The	9.00
Allen, J. J.	60.00
Allen, S.	334.00
American Can Co.	8.60
American Co. (Nashville)	11.56
American Co. (Vicksburg)	11.70
American Felt Co.	9.00
American Railway Supply Co.	800.00
American Tag Co.	1,335.00
Andrews Co., A. H.	14.00
Ardmoreite Publishing Co.	7.75
Argus Leader Co.	9.75
Arizona Publishing Co.	9.15
Armourdale Ice Co.	7.26
Armstrong Laundry	14.97
Atherton, O. G.	.65
Austin Statesman Co	5.75
Ayer, Don C.	198.00
Babcock, H. C.	308.00
Baker, L. R.	316.00
Ballantyne & Sons, Wm.	24.30
Bangor Daily Commercial	3.75
Barber Creamery Supply Co., A. H.	8.35
Barber & Ross	218.83
Barker & Kelly	22.50
Barnes, E. E.	140.00
Barnes, S. E.	6.00
Baumgarten Co., Herman	6.00
Beavers, G. M.	17.10
Beavers, John M.	31.00
Behnke, Albert E.	130.00
Belo & Co., A. H.	11.50
Bennett Co.	.75
Bennett, S. E.	360.00
Bernasco, Joseph	92.50
Bertram, E. L.	323.00
Blackwell, J. E.	336.00
Blount, S. L.	2.40
Brentano's	30.90
Brooks & Co., E. J.	1,451.06
Brougham, J. J.	318.00
Bruce, Mary E.	42.75
Brundage, Mrs. Minnie	48.00
Buck Manufacturing Co., T. S.	186.30
Bulletin Pub. Co. (Limited)	12.16
Burt, S. W.	75.00
Burman, Herman	175.00
Butler, Geo. W.	35.83
Butte Miner Co.	9.60
Cady, J. S., jr.	2.03
Camden Daily Courier	11.97
Capital Journal	5.33
Capital News Publishing Co. (Limited)	9.60
Carson City News	21.10
Carter, N. E.	156.81
Carter & Russell Publishing Co.	7.18
Casey, L. E.	6.00
Charleston Publishing Co.	12.80
Chicago Car Seal and Manufacturing Co.	240.63
Chicago Edison Co.	93.00
Chicago Towel Supply Co.	10.44
Church & Stephenson	1,041.63
Cincinnati Butchers' Supply Co.	11.20
Citizen Printing and Publishing Co.	13.20
Clarion Ledger	12.40

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Miscellaneous supplies, etc.*—Cont'd.	
Clarke Co., John B	$34.80	Herald Publishing Co. (Portsmouth)	$10.40
Cole Hardware Company, Hermon	1.75	Herald Publishing Co. (Shawnee)	6.10
Columbia Towel Supply Co	10.25	Herald (Rutland)	3.40
Commercial News Publishing Co	4.50	Herald Transcript Co	6.20
Commercial Publishing Co	13.20	Higgins, J. G	6.75
Constitution Publishing Co	9.60	Hoen & Co., A	1,050.00
Consumers Co	102.25	Holtgrewe, Fred	6.50
Cornwell & Son, G. G	2.30	Howard, Geo. E	4,302.36
Cox, B. M	151.67	Howard Label Co	158,442.50
Cox, G. E	34.50	Howe, W. E	120.00
Crane Co., Wm. M	29.00	Howland & Ask	70.00
Crittenton Co., Chas. N	10.00	Huntington, F. W	281.00
Daily Alaskan	7.41	Illinois State Register	5.30
Daily Mail, The	7.95	Imler, F. A	66.00
Daily News Publishing Co	8.40	Initial Towel Supply Co	3.05
Dallas News	11.25	International Seal Co	180.01
Dameron-Pierson Co. (Limited)	5.00	International Seal and Lock Co	6,025.00
Darling, Robt	150.00	Johnson, Albert L	23.65
Delaware State News Publishing Co	7.80	Joseph, Jesse	2.75
Democrat Publishing Co	9.60	Journal Co. (Kansas City)	12.50
Dennison Manufacturing Co	100.00	Journal of Commerce and Commercial Bulletin	9.90
Des Moines Capital	6.96	Journal Printing Co	4.24
Devere Electric Co	12.50	Joyce Engraving Co., M	39.40
Dexheimer & Co., H. J	13.20	Kalamazoo Gazette	15.84
Dick Co., A. B	61.75	Kann, Sons & Co., S	6.56
Dillinger Co., J. S	9.00	Kansas City Stock Yards Co. of Missouri	18.00
Dispatch Publishing Co	8.10	Kellogg Switchboard and Supply Co	8.75
Dorrington, J. W	6.30	Kelly Laundry	1.41
Du Perow, M	56.70	Kelly Towel Supply Co	9.11
Durant Daily News	6.00	Ketchum, F. D	360.00
Eagle, R. F	264.00	Killian, G. P	7.50
Earl and England Publishing Co	14.60	Knapp & Co., Geo	26.00
Eastern Argus Publishing Co	5.12	Kresse Book and Stationery Co	5.25
Edmonston, Chas. R	84.08	Lamb & Tilden	229.02
Elliott & Co., James	18.50	Lambie Co., J. B., Inc	747.62
Enquirer Co	21.20	Lansburgh & Bro	34.20
Ergood & Co., J. C	19.60	Laramie Boomerang	8.45
Espey, John B	7.36	Lauterbach, A	1.50
Evansville Courier Publishing Co	18.90	Leavenworth Times	11.60
Evening Journal Association	8.64	Leggett & Co., F. H	12.70
Evening News Association	21.60	Lewiston Journal Co	3.30
Evening Press Co	8.50	Lexington Leader	7.44
Evening Star Newspaper Co	16.95	Longmans, Green & Co	15.75
Evening Telegram	5.70	Louisville Times Co	14.75
Evening Telegraph Publishing Co	6.38	Lowdermilk & Co., W. H	114.20
Evening Times	10.80	Lutz & Co	37.00
Fair, The	29.19	Macmillan Co	36.00
Fisher-McGill Co., The	16.27	Macy & Co., R. H	45.30
Fisher, W. W	1.25	Madison Democrat	13.00
Fleming, James	426.00	Mann & Co., P	2.60
Fleming, Wm. R	12.50	Marine Towel Supply Co	7.80
Forington, C. Scott	5.00	Martin & Day Ice and Fuel Co	10.00
Forum Printing Co	10.00	Menagh Co., John S	4.90
Fowler Manufacturing Co. (Limited)	28.31	Meridian Star Publishing Co	9.15
Free Press Association	8.85	Meyer & Bro	10.00
French Bros	.56	Miller Lock Co	107.20
Fulton & Co., C. C	3.90	Minnesota Tribune Co	11.00
Gate City Towel Co	25.52	Monarch Typewriter Co	960.00
Gilhaus, G. E	89.07	Montana Record Publishing Co	11.80
Globe Journal	19.20	Moore Co., The	1,121.00
Globe Newspaper Co	12.50	Morgan & Wright	268.36
Great Bear Spring Co	68.30	Morning News	12.80
Greenville News Co	8.40	Morning Star	6.60
Greer, Frank H	11.60	Morrison Tent and Awning Co	21.80
Gregory, Marvin	75.00	Moskowitz, M	.13
Grinsell, J. A	310.00	Muth & Co., Geo. F	20.54
Guard Printing Co	9.45	Nacey Co., P	134.05
Hanson, C. H	2.35	National Electric Supply Co	77.67
Harrington & King Per. Co	53.25	Nawrath, J. P	88.79
Hartford Daily Times	7.95	Nebraska State Journal	10.15
Hauck & Sons, Adam	6.00	Neenan, B. J	62.50
Hawley & Co., T	.50	Nettleton, F. N	2.75
Hayden & Co., E. J	7.00	Nevada State Journal	2.56
Hendry, Alexander	471.47	New Mexican Printing Co	8.25
Herald Co. (Duluth)	9.00	News Corporation	7.50
Herald Co. (Salt Lake City)	2.58		
Herald Publishing Co. (Augusta)	13.20		

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
News and Observer Publishing Co	$10.25
News Publishing Co. (Charlotte)	9.60
News Publishing Co. (Nebraska City)	5.20
News Publishing Co. (Wilmington)	7.08
News Times Publishing Co	7.65
Nicholson & Son, J. A	10.00
Nickerson & Collins Co	30.00
Novelty, The	1.20
Oakland Herald Publishing Co	6.30
O'Bryon, Philip M	8.00
Oklahoma Publishing Co	5.60
Okonite Co. (Limited)	11.00
Oliver Schlemmer Co	14.20
Omaha Electric Light and Power Co	.75
Optic Co	8.45
Otter, John J	10.96
Pacific Butchers' Supply Co	.75
Parkersburg Sentinel	5.20
Parks & Co., Geo	130.27
Patent Fin Hot Water Heat Co	28.55
Pensacola Journal	14.40
People and Patriot Co	12.00
Philadelphia Inquirer Co	26.00
Philadelphia Item	27.00
Pitman, T. T	6.46
Plain Dealer Publishing Co	11.20
Post-Intelligencer Co	10.60
Post Publishing Co. (Cincinnati)	18.88
Post Publishing Co. (Pittsburg)	16.96
Postmaster (Washington, D. C.)	8.00
Powers, J. H	4.15
Pratt, Wm. E	576.00
Preston & Round Co	8.50
Probey Carriage Co	100.00
Providence Telegram Publishing Co	7.15
Quattlander, John	16.50
Rand-McNally Co	10.50
Rapier, Thos. G	13.25
Rau, John C	13.65
Reilly, Hugh	28.95
Remington Typewriter Co	2,230.55
Republican Co. (Springfield)	5.50
Republican Printing Co	9.75
Revalk & Co., R. E	15.00
Rich, Theodore S	180.00
Rishel, Albert E	300.00
Roche, Thomas	.96
Rudolph & West Co	38.04
Ruggles-Gale Co	10.50
Ryder, J. F	540.00
San Francisco Call	18.00
Sansbier, W. F	4.00
Schaufler, C. A	360.00
Schondau & Lynch	14.00
Scudder, Edward W	10.60
Seamark, Harry F	44.20
Sentinel Co	6.58
Shea, N. H	42.75
Slingo, F. P	10.80
Smith, Herbert M	14.17
Smith & Bros. Typewriter Co., L. C	640.00
Snyder & Co., E. H	1.00
Southern Printers' Supply Co	204.93
Spartansburg Herald Co	12.40
Spokane Chronicle Publishing Co	5.70
Stafford, J. R	275.00
Standard Association	9.83
Standard Publishing Co	15.75
Star-Independent	10.80
Star-Journal Publishing Co	15.30
Star Publishing Co	6.48
State Company	9.00
State Republican	9.96
Steiger & Co., F	16.80
Sternkopf Sons, H	66.00
Stock Yard Hardware and Paint Co	24.60
Sutton, Clemmons G	216.00
Swett, Chas. P	$0.55
Swift & Co	2.10
Tacoma Ledger	2.98
Tape Bros	73.00
Times Mirror Co	11.80
Times Printing Co. (Chattanooga)	16.50
Times Publishing Co	7.25
Times Union	11.70
Toledo Blade Co	8.82
Topeka Capital	5.90
Townsend, N. L	75.00
Transit House Stores	15.26
Tribune Association	33.60
Tribune Co. (Chicago)	34.30
Tribune Publishing Co. (Cheyenne)	10.68
Tuck, Richard W	187.00
Tuegel, C	21.25
Typewriter and Office Supply Co	9.30
Underwood Typewriter Co	3,818.55
Universal Register Co	2.75
Virginian and Pilot Publishing Co	8.40
Vogt, Anton	8.35
Voight, Edward	1,841.00
Volunteer Publishing Co	3,133.76
Walbridge & Co	21.50
Wallace, A. H	300.00
Washington Post Co	22.35
Weaver, R. H	16.00
Webster Co., F. S	1.50
Wende, Bernhard P	360.00
Western Electrical Co	5.65
West Virginia Printing Co	6.30
Wiborg & Hanna Co	4.80
Wichita Beacon	17.70
Wiegand, Martin	21.25
Wiley & Sons, John	3.42
Williams Co., N. A	8.96
Withers, Robert A	8.00
Worcester Post Co	11.50
World Printing Co	12.60
Zoeckler, Bruno	5.00
Total	210,198.80
Furniture.	
Andrews & Co., A. H	93.00
Antique Furniture Co	17.60
Baker Office Furniture Co	33.60
Barr Dry Goods Co., Wm	67.31
Bedell Manufacturing Co	20.60
Bolte Bros. Furniture and Carpet Co	15.00
Bowman Furniture Co	22.60
Bronson Desk Co., R. D	142.55
Carey, M. P	12.00
Clark Co., Rex B	8.00
Cook Laurance Co	10.50
Cooper & Powell Furniture Co	60.00
Coy & Hutchins	54.91
Davidson & Bros., S	25.65
Davis-Sortier Co	43.15
Dencer Co., M	80.00
Derby Desk Co	102.50
Dives, Pomeroy & Stewart	35.75
Drake Furniture and Carpet Co	5.50
Duff & Repp Furniture Co	16.50
Dulany Co., Wm. J. C	6.75
Etnire, Jno. W	16.25
Fair, The	45.25
Fakes & Co	21.25
Globe-Wernicke Co	45.00
Goldsmith Co., B. S	84.00
Goodman, L. W	22.00
Greene, J. W	66.60
Hale Desk Co	10.00
Halme & Co	11.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.
Furniture—Continued.	
Hax Furniture Co., Louis	$20.70
Herring Sons & Co., O	51.90
Himmel & Son, M. L	22.78
Hoeke, W. H	1,223.27
Home Furniture Co	1.00
Iowa House Furnishing Co	29.50
Jack & Hartley	44.50
Jacoby Furniture Co	36.00
Jones & Luberger	61.00
Keena & Drake	5.00
Keith Furniture and Carpet Co., Robt	45.05
Kelly, Thomas	18.75
Kirkpatrick Furniture Co., J. G	10.00
Kistler Stationery Co., M. H	63.00
Kreiner Co., C. & A	7.75
Lansburgh Furniture and Carpet Co., J	265.00
Leroy & White	22.00
Library Bureau	3,625.01
Lindholm Furniture Co	35.00
Lucas Bros	29.94
McPartland & O'Flaherty	1.35
Macy & Co., R. H	184.23
Manges Bros	79.50
Martin, Joseph	16.00
Matthews, C. E	35.00
Moses & Sons, W. B	86.65
Murphy, Geo. S	15.00
Neilan Typewriter Exchange	4.00
Norris Safe and Lock Co	92.00
Northwestern Furniture Co	10.25
Ogden Furniture Co	56.55
Panton & White Co	40.64
Phoenix, The	107.25
Potter & Co. (Incorporated)	61.50
Reifer Furniture Co. (N. S.)	9.80
Reindel & Co., Geo. J	24.00
Rockwell-Wabash Co	10.35
Ryan & Co	49.25
Scruggs, Vandervoort, Barney	12.25
Schupp & Schmidt Manufacturing Co	12.50
Siegel, Cooper & Co	6.75
Sellew, T. G	410.05
Schwartz & Son, A	20.75
Spillman & Zearing	5.00
Taylor, O. L	36.50
Taylor & Manahan	13.50
Taylor Office Supply Co	42.40
Tettenborn & Co	11.00
Thompson Bros	8.50
Underwood Typewriter Co	36.00
Van Dyk Furniture Co	109.08
Voight, Edward	11.00
Wedelstardt Co., Henry	61.50
Weigel Furniture Co	63.40
Williams Furniture Co	18.00
Wood Co., W. B	27.00
Woodward & Lothrop	632.74
Yawman & Erbe Manufacturing Co	1,174.28
Total	10,415.09
Freight.	
Atchison, Topeka and Santa Fe R. R. Co	13.36
Baltimore and Ohio R. R. Co	2.33
Baltimore and Ohio Southwestern R. R. Co	2.39
Biglin, Bernard	10.96
Boston and Maine R. R	2.29
Central R. R. Co. of New Jersey	1.47
Chapman, S. M	101.50
Chesapeake and Ohio Rwy. Co	2.55
Chicago and Alton Rwy. Co	2.56
Freight—Continued.	
Chicago, Burlington and Quincy Rwy. Co	$5.23
Chicago Great Western Rwy. Co	4.40
Chicago, Indianapolis and Louisville Rwy Co	.52
Chicago, Milwaukee and St. Paul Rwy. Co	2.62
Chicago and Northwestern Rwy Co	.30
Chicago, Rock Island and Gulf Rwy. Co	7.69
Chicago, Rock Island and Pacific Rwy. Co	14.68
Cincinnati, Hamilton and Dayton Rwy. Co	.34
Cincinnati Northern R. R. Co	.43
Cleveland, Cincinnati, Chicago and St. Louis Rwy	.70
Clute, Alva B	.18
Delaware, Lackawanna and Western	.44
Dolan Teaming Co., J. F	.12
Erie R. R. Co	15.91
Glynn Transfer Co	11.25
Harris, Chas	65.50
Houston and Texas Central R. R. Co	1.20
Illinois Central R. R. Co	9.13
Joy Steamship Co	.25
Lake Erie and Western R. R	.38
Lake Shore and Michigan Southern	3.52
Lehigh Valley R. R. Co	1.19
Littlefield, Alvord & Co	34.60
Lloyd Transfer Co. (Incorporated)	.75
Maine Central R. R. Co	.88
Mendenhall Transfer Co	14.95
Metropolitan Steamship Co	.58
Michigan Central R. R. Co	11.55
Missouri Pacific R. R. Co	2.04
New York Central and Hudson River R. R. Co	4.89
New York, New Haven and Hartford R. R. Co	1.97
O'Heron, John J	10.50
Oregon Transfer Co	.22
Pennsylvania R. R. Co	23.88
Price, John	30.00
Snow Forwarding Co	1.80
Southern Rwy. Co	.87
Star Union Line	3.19
Toledo, Peoria and Western Rwy. Co	.72
Tyler, Wm. H	4.50
Union Pacific R. R. Co	1.43
Wabash R. R. Co	2.48
Wells, James	3.47
Total	440.06
Express.	
Adams Express Co	267.61
Aver, D. C	7.80
United States Express Co	150.67
Total	426.08
Telegraph.	
Postal Telegraph-Cable Co	647.17
Stuart, J. F. D	.52
Western Union Telegraph Co	516.15
Total	1,163.84
Telephone.	
Armour Packing Co	36.00
Bell Telephone Co. of Missouri	24.35
Bell Telephone Co. (Philadelphia)	160.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.
Telephone—Continued.	
Chesapeake and Potomac Telephone Co	$127.86
Chicago Telephone Co	176.68
Colorado Telephone Co	54.63
Cudahy Packing Co	13.50
Cuyahoga Telephone Co	18.00
Fowler Packing Co	15.00
Frontier Telephone Co	48.00
Home Telegraph and Telephone Co	48.00
Indianapolis Telephone Co	80.00
Iowa Telephone Co	48.00
Kansas City Home Telephone Co	10.55
Kinlock Telephone Co	54.00
McGuire, F. C	5.35
Maryland Telegraph and Telephone Co	48.00
Michigan State Telephone Co	74.00
Missouri and Kansas Telephone Co	139.50
Morris & Co., Nelson	12.00
Nebraska Telephone Co	54.00
New England Telegraph and Telephone Co	256.50
New York Telephone Co	237.05
New York and New Jersey Telephone Co	151.48
North Eastern Telephone Co	25.00
Pacific Telegraph and Telephone Co	36.90
Pacific States Telegraph and Telephone Co	15.69
Pittsburgh & Allegheny Telephone Co	20.00
Providence Telephone Co	37.35
Sioux City Telephone Co	27.00
Weehawken Stock Yard Co	23.70
Wisconsin Telephone Co	36.00
Total	2,114.09
Rent.	
Adams, Emma J. and M. E	366.93
American Radiator Co	770.00
Belt R. R. and Stock Yard Co	120.00
Bourbon Stock Yard Co	122.00
Caldwell & Johnson	40.00
Cincinnati Union Stock Yards Co	180.00
Denver Union Stock Yards Co	288.00
Dold, Fred	113.33
E. Buffalo Live Stock Exchange Co	360.00
Fort Worth Stock Yards Co	210.00
Fuller, E. M., Agent	15.00
Gahan & Byrne	2,700.00
Gill, R. T., R. L., A. S., A. A. & C. B	125.00
Grand Trunk Rwy. System	150.00
Hammond Building Co	287.50
Illinois State Trust Company Bank	150.00
Independent Stock Yard Co	300.00
Kansas City Stock Yards Co. of Missouri	726.00
Kirby, S. S	250.00
Lincoln Trust Co., of New Jersey	440.00
McDermott, D. J	385.00
Macheca Real Estate and Improvement Co., Limited	317.00
Manufacturers' National Bank of Brooklyn	116.70
Mason, Chas. H	80.00
Munsey, Frank A	3,789.96
Olivor Building (trustees)	900.00
Oyster, James F	159.34
Patterson Safe Deposit Co. and Patterson National Bank	93.75
Pittsburgh Union Stock Yards Co	180.00
Providence Building Co	200.00
St. Joseph Stock Yards Co	636.00
St. Louis National Stock Yards	600.00
St. Paul Union Stock Yards	300.00
Silber, Arthur M	$500.00
Sioux City Stock Yards Co	240.00
Society for Savings Building	297.00
Trustee Co	50.00
Union Stock Yard and Transit Co	1,900.00
United Owners' Realty Corporation	144.00
Total	18,600.51
Gas and electricity.	
Public Service Corporation of New Jersey	5.12
St. Clair County Gas and Electric Co	7.15
University of California	36.00
Total	48.27
Apparatus, instruments, and laboratory material.	
American Distributing Co	185.99
Bausch & Lomb Optical Co	434.86
Bishop & Co., J	1,630.53
Cincinnati Butchers' Supply Co	240.00
Daigger, A	11.25
Eimer & Amend	573.39
Evans, Henry	5.50
Faxon & Gallagher	23.12
Gilman, Z. D	107.99
Greiner Co., Emil	49.25
Hammond Distilling Co	22.50
Heil Chemical Co., Henry	8.40
Justinian Caire Co	80.31
Leitz, Ernst	4.13
Mackall Bros	290.60
Mallinchrodt Chemical Works	4.80
Oliver Schlemmer Co	100.00
Parke Davis & Co	40.00
Pullman, E. J	8.16
Redington & Co	25.94
Richardson Drug Co	106.19
Sargeant & Co., E. H	3,486.82
Sharp & Smith	2.25
Thomas Co., A. H	41.35
Whitall, Tatum Co	3.50
Wyeth & Bro. (Incorporated), Jno	1,619.53
Total	9,115.06
Printing and binding.	
Public Printer	10,436.24
Travel and station and field expenses.	
Abbe, C. M	11.08
Abbott, E. W	43.48
Abel, Louis	115.80
Ackerknecht, Chas. A	36.99
Ainsworth, Fred'k W	114.00
Alden, Chas	56.85
Allan, James A	35.85
Allott, Leonard J	30.35
Anders, T. O	25.30
Anderson, F. N	19.32
Anderson, M. O	41.16
Andress, Wm. R	63.39
Andrews, Thomas A	86.90
Armstrong, T. L	1.45
Ashley, Alex. McC	48.90
Atchison, J. G	11.60
Atchison, J. L	2.80
Atherton, Ira K	35.60
Atherton, O. G	55.10

BUREAU OF ANIMAL INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
el and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
n, W. T	$28.58	Burson, W. M	$22.95
, E. R	7.15	Burt, S. W	50.25
rfer, John A	22.45	Burwell, Wm	80.15
on C	90.00	Busman, H	143.05
, S. C	44.00	Butler, G. W	220.01
w, Kenzie S	31.30	Butts, Henry	18.95
I. H	86.45	Byers, John	391.29
Eustace T	34.35	Caldwell, Harry	26.85
George S	719.20	Callahan, J. J	3.17
H	24.20	Callanan, B. G	9.10
L. R	132.76	Calph, E. J	83.60
Troy H	46.87	Campbell, Chas. E	19.26
ı, Wm. A	22.60	Campbell, C. M	13.99
arry M	76.80	Campbell, Pearl W	23.13
W. H	40.68	Canty, Patrick E	5.65
Joseph A	31.25	Cappell, John	46.51
rt, E. P	7.85	Carhart, E. R	12.00
. C	22.50	Carlgren, Chas. E	25.05
d, E. W	26.00	Carnachan, T. W	64.90
Carl M	5.25	Carrigan, James M	34.15
, Jas. J	25.35	Carroll, C. C	144.55
n, Roy	2.00	Casper, A. M	68.35
an, Ernest H	35.67	Castor, Thomas	33.89
T. M	8.95	Chadima, J	139.85
Wm. A	49.85	Chamberlain, William E	12.95
d, F. H	3.35	Cherrington, K. G	41.75
L. P	76.05	Churchill, W. E	6.06
, Albert E	103.59	Clancy, J. B	256.11
ı, A. D	330.50	Cleary, Thos. F	5.77
John E	28.50	Clement, C. B	18.35
in, F. E	65.50	Clements, R. L	17.39
W. G	86.30	Clohessy, E. J	1.80
', E. A	2.80	Cloud, J. E	25.25
', S. E	296.07	Cochrane, R. P	11.58
n, E. L	547.01	Cock, James H	5.55
'. N. D	29.78	Coffman, Ralph E	2.35
ell, J. E	113.55	Cole, C. C	10.11
Stephen L	99.93	Cole, Guy T	11.35
', W. K	6.20	Coleman, Arthur T	1.90
f. M	10.08	Coles, Richman	2.25
an, James B	27.24	Collins, Horace R	21.25
eo. A	87.70	Colson, C. F	6.55
', L	12.70	Connelly, Alonzo	11.40
Frank L	38.40	Cook, Elisha B	1.45
John J	79.50	Cooper, W. L	17.90
', Leland E	86.30	Coppock, D. M	3.45
W. C	67.65	Cornyn, John J	70.20
E. B	21.10	Craig, A. R	3.50
N. V	79.55	Cramer, C. F	1.00
E. A	68.20	Crandall, W. W	74.58
f. H	8.65	Crawford, Jno. W	90.92
P. J	49.50	Crean, Michael	7.90
on, Frederick	31.25	Creighton, F	16.80
homas A	27.50	Crosby, Frank	12.40
r, J. J	12.35	Crossman, E. A	73.75
ı, Thos. A	14.30	Crow, H. M	5.05
R. O	44.65	Crowley, J. T	7.95
am, J. J	272.05	Crumbaugh, L. W	25.49
E. W	351.67	Cullen, David	44.29
Geo. S	43.70	Culver, E. G	19.80
H. E	160.06	Cummings, James H	9.15
, Wm. F	10.27	Cummins, Wm. M	19.50
', G	1.10	Curran, Thomas	35.85
, W. A	39.63	Dade, J. S	23.95
W. N	50.72	Daley, J. A	.90
. M	8.00	Darling, Robert	310.30
m, Wm. D	83.39	Daugherty, W. A	3.10
Elda	14.45	Davis, W. H	12.00
, A. D	68.89	Davis, Wm. F	21.85
Edward A	6.35	Davis, Wm. R	9.75
k, Thos. H	16.00	Davitt, M. H	11.15
S. R	216.92	Day, C. M	50.30
, J. L	34.09	Day, L. Enos	148.15
Geo. C	7.90	Day, W. E	48.25
n, J. C	37.35	De Fosset, A. J	4.40
, D. C	136.08	Dell, H. H	47.91
E. J	6.93	Deming, C. W	$35.80

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
De Ronde, J. D.	$48.62	Gidney, C. A.	$7.00
Desmond, Timothy J.	70.20	Gilchrist, W. D.	13.10
Devany, Thomas	19.06	Gilmore, F. J.	22.72
De Wolf, F. L.	79.15	Gjertson, A. G.	38.70
Dietrich, Ernest L.	11.53	Glenn, Perry C.	34.15
Dietrich, Ephraim	1.95	Gillies, D. R.	27.05
Dinkelburg, P. J.	8.17	Goebel, F. J.	13.22
Ditewig, George	1,136.77	Goff, W. M.	41.25
Dixon, F. J.	14.60	Goodpasture, C. O.	63.05
Doak, H. T.	17.30	Graham, A. E.	210.05
Doane, Wm. E.	6.50	Graham, Ralph	32.25
Domnosky, H. G.	32.15	Grant, Geo. K.	14.00
Donahue, Walter J.	1.30	Grayson, O. H.	60.25
Dorset, Marion	336.04	Green, L. K.	154.32
Dowd, E. P.	79.90	Gregory, Marvin	20.25
Doyle, P. F.	57.70	Groh, Wm.	224.82
Drout, James E.	2.00	Grove, J. S.	47.05
Drown, C. S.	8.65	Gruner, J. Peter	27.75
Due, Immanuel	3.95	Hadley, F. B.	6.27
Duffy, J. L.	35.10	Hall, T. E.	25.55
Dirlee, C. O.	9.92	Hancock, Henry J.	38.20
Dykstra, F. J.	10.90	Hand, Harry E.	11.27
Eagle, A. F.	31.19	Hans, J. W.	1.45
Eagle, J. G.	107.10	Harris, A. E.	10.70
Eagle, R. F.	87.89	Harris, J. H.	8.55
Eagle, W. W.	13.85	Harris, S. H.	20.20
Eddy, A. F.	3.00	Harrison, R. H.	23.27
Eells, Frank C.	103.00	Harrington, C. F.	11.05
Eggebrecht, W. C. H.	32.30	Hawkins, Jesse H.	14.00
Elchhorn, Adolph	364.25	Hawthorne, Jos. J.	17.10
Elliott, J. A.	4.40	Hayward, W. L.	2.05
Ellmaker, Harlan D.	50.20	Hayes, John J.	87.00
Emery, James A.	155.73	Harvey, Chas. D.	17.05
Ervin, C.	7.75	Haug, C. H.	2.27
Espey, Ora E.	45.15	Healy, Bessie M.	28.70
Esslinger, E. F. G.	69.25	Hedrick, H. A.	147.05
Evans, T. J.	71.10	Hektoen, Ludvig	70.20
Eyssen, Wm. P.	7.60	Heldring, J. J. L.	32.00
Fahey, J. F.	60.90	Helvey, O. W.	6.20
Farley, A. J.	15.60	Henderson, E. P.	40.10
Farrington, A. M.	54.75	Henderson, Frank	7.25
Farthing, C. L.	4.60	Henderson, L. C.	1.75
Faunce, A. L.	101.81	Herrick, Henry B.	40.35
Faunce, Chas. S.	5.12	Herrold, W. C.	6.00
Fauteck, Louis R.	8.65	Hervey, W. E.	7.85
Faville, G. C.	75.10	Hess, O. B.	620.20
Fegan, James	64.30	Hesser, Woodford H.	32.00
Fegley, N. K.	90.05	Hilgert, T. T.	38.71
Fenstermacher, L. S. A.	19.86	Hills, J. V.	41.75
Ferguson, R. B.	45.45	Hirleman, A. L.	154.20
Fess, Frank J.	11.75	Hirschel, Isaak	7.20
Fetter, Geo. E.	42.22	Hoar, John M.	4.00
Fischbeck, W. F.	7.92	Hollenbeck, J. B.	33.15
Fish, C. S. B.	3.75	Hope, Jas. G.	44.35
Fisk, A. G.	22.00	Hopkins, F. W.	58.05
Fisk, Manuel	27.65	Hopkins, P. R.	33.20
Felming, James	7.30	Horn, Michael J.	162.00
Fortner, W. W.	24.35	Horrigan, J. J.	18.27
Foster, James R.	47.40	Hostetler, A.	101.05
Foster, J. V.	19.00	Houck, U. G.	225.35
Fotheringham, Wm.	78.93	Howard, Clarence Roy	12.00
Frank, C. A.	2.90	Howe, W. E.	4.05
Franks, J. W.	16.55	Howes, Ben	61.85
Fretz, H. L.	75.75	Howlett, Louis H.	1.85
Fretz, Warren J.	36.92	Huelsen, J.	208.24
Frey, Ferdinand	15.45	Huff, L. B.	78.85
Funke, Charlie	70.20	Hughes, Albert N.	34.55
Gallagher, B. A.	23.75	Hughes, Geo. H.	46.30
Gallagher, H. J., jr.	26.15	Hughes Jas. F.	25.10
Galt, Sid.	13.15	Hughes, Joseph	83.75
Garbl, Louis, sr.	7.00	Hult, O. G.	7.00
Geddes, T. A.	10.19	Humbert, G. W.	8.05
Gent, Alfred	23.15	Hurley, John	2.00
George, H. H.	216.27	Hunter, Wm. R.	14.72
Gibbs, W. H.	3.00	Huntington, F. W.	90.07
Gibson, F. M.	14.20	Huxley, W. J.	12.30
Gibson, James	174.99	Hyde, Andrew	.95

BUREAU OF ANIMAL INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
...el and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
..., W	$9.30	McBryde, C. N	$289.00
..., H	2.10	McCabe, B. D	17.50
..., S. R	5.80	McCabe, Geo. P	175.05
...eo. T	64.50	McCarthy, Wm. F	4.70
..., Bert C	8.50	McClelland, R. L	29.40
..., Freeman H	69.20	McClelland, Will C	18.40
...E. A	7.22	McDonough, J. H	7.75
...H. C	27.75	McEachran, Wm	75.60
...P. M	26.19	McFarland, Claude M	13.97
...bert	37.99	McGill, J. L	6.88
..., W	19.70	McGinty, G. B	149.65
...s, W. E	15.95	McGowan, Bartholomew	17.00
...Geo	24.62	McHugh, Wm. O	24.74
..., G. A	135.04	McKeown, T. H	193.55
..., Raymond	87.55	McLean, W. C	69.70
...n, G. A	11.95	Mahon, James	33.88
...lbert	28.40	Mallory, E. T	61.80
..., B	20.30	Malone, Edmund J	13.40
..., F	27.95	Maloy, E. J	55.14
...eorge H	44.64	Manning, Michael	59.00
...C	479.40	Marshall, George O	15.65
...W	11.05	Marshall, Henry	32.05
..., E. M	71.65	Marshall, L. G	4.40
...hos	20.00	Martineau, C. H	5.60
...sser, Frank	27.75	Martins, A. F	178.23
...n, Siegfried	4.15	Mattatall, I. C	1,717.88
...A	22.40	Matteson, S. A	13.10
...J. S	39.20	Mauldin, C. E	151.82
..., T. F	18.26	Mawer, Geo. C	19.90
...ames S	100.25	May, C. A	41.72
...y, E. D	74.90	Mayer, O. C	17.45
...y, Henry D	84.37	Mead, R. N	41.25
...J	1.30	Meadors, W. H	9.75
...ohn	11.65	Medick, G. H	10.20
...n, F. D	97.34	Melly, Geo. L	54.85
...L	21.65	Melvin, A. D	562.49
...s. L	23.25	Metsker, Louis	83.51
...Gustave	18.55	Meyer, P. F. R	16.95
...er, J. H	41.55	Middleton, W. G	33.40
...r, A. L	35.10	Miller, Chester	105.80
...W. F	21.37	Miller, Fred'k	18.00
...G. W	31.40	Miller, H. L	29.05
...R	46.32	Miller, Joshua	88.41
...I. G	77.85	Miller, S. M	38.55
...ohn S	19.60	Minge, B. O	20.00
...G	4.25	Mitchell, W. Clyde	65.45
..., Richard H	33.25	Mohler, John R	152.15
...A	27.75	Montague, J. W	125.95
..., J	43.05	Morrison, R. J	9.25
...T. A	33.57	Moon, R. K	28.40
...Matthias S	218.53	Moore, John J	47.72
...Geo. F	16.90	Moore, V. A	35.50
...e, H. L	48.26	Moran, John A	10.15
...P	271.05	Morgan, James B	20.25
...R	47.90	Morin, C. L	2.80
...V. W	3.27	Morrow, C. J	46.35
...m. G	6.94	Mosier, Chas. B	19.10
..., Harry B	24.25	Moss, C. E	3.67
...n, Louis	37.41	Moyer, O. R	31.52
...D	78.95	Mulcahy, D. J	8.55
...Lewis A	25.10	Mullowney, P. H	.50
..., L. C	8.12	Munn, John E	53.45
...Willis B	55.25	Murdock, J. L	2.90
...g, O. E	45.60	Murphy, Glenn	32.15
...C	39.09	Murphy, J. H	23.40
...R. C	26.10	Murphy, M. J	38.55
...Albert H	18.67	Myer, Elisha	131.40
...Fred	21.35	Myers, Ira M	8.70
...lbert	112.29	Myers, Willis A	28.80
...ry, Clarence	4.50	Neil, W. N	182.12
...J. F	5.07	Newberg, G. C	10.05
...E	36.14	Newlove, H. S	23.65
...A. O	4.58	Newton, H. M	135.05
...S	3.25	Nighbert, E. M	14.75
...F	7.95	Niven, A. B	6.22
...y, John	76.65	Ochs, J. J	6.72
..., Archibald	8.75	O'Connell, M. J	9.85

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Oelschlegel, G. C	$6.35	Saunders, W. H	$46.20
O'Hern, Jas. F	5.75	Schaffter, E. P	225.67
O'Keefe, Matthew	21.25	Schaufler, C. A	321.32
Oldham, J. S	13.85	Schmidt, J. P	17.95
Olson, L. E	4.60	Schofield, Major	95.65
Olson, O. J	35.79	Schopfer, C. B	2.42
O'Neill, J. P	49.79	Schultz, E. E	21.75
Otis, G. M	30.42	Schuman, Chas	117.75
Otterman, J. L	1.95	Schwahn, Ella	30.95
Owen, F. D	154.17	Scott, Thomas W	88.20
Pagle, Chas. W., jr	1.10	Selby, C. C	8.80
Pahlman, J. R., jr	5.45	Selby, S. A	89.55
Painter, Geo. D	92.85	Sevenster, J	17.25
Palmer, C. F	330.74	Sexton, J. J	41.80
Palmer, L. I	63.90	Shaffer, H. L	37.95
Palmer, W. A	8.00	Shale, H. L	23.25
Parker, Wm. J	18.00	Sharp, Fred M	3.15
Parkerson, Chas. A., jr	43.77	Sheehy, P. J	5.30
Parks, G. H	750.74	Sheeran, P. H	1.95
Parsons, S. J	16.60	Shiells, Hugh	260.15
Patton, D. W	25.15	Shipley, T. A	126.24
Payne, C. F	13.55	Shumway, Daniel G	141.00
Peacock, B. W	96.75	Siegmund, W. C	74.00
Perkins, C. R	20.97	Simpson, George B	22.25
Perkins, L. C	7.67	Sindlinger, Chas	8.75
Perry, M. T	32.68	Sine, John B	112.40
Pettey, F. O	34.70	Singleton, Henry	14.00
Phetteplace, F. R	32.05	Skidmore, D. I	23.70
Pigott, Wm	1.25	Sloan, David	16.00
Pilchard, M. R	4.05	Sloan, J. A	124.00
Pinger, Wm. R	121.79	Smart, J. J	129.00
Pironi, L. J	32.90	Smith, H. E	21.00
Pistor, A. J	1,440.64	Smith, H. M	260.41
Pollard, W. S	34.07	Smith, Nathaniel B	2.25
Pontious, F. L	43.65	Smith Samuel	31.70
Pote, Thomas B	16.45	Smith' Samuel T	31.00
Powell, N. C	9.95	Smith' W. B	97.65
Price, J. O. F	21.00	Smith, Wm. H., jr	627.63
Price, T. M	201.53	Smith, W. M	36.00
Priller, Fred W	42.40	Snyder, C. H. P	4.10
Puette, Grace	31.35	Sniffin, C. E	11.04
Puletz, J. W	11.64	Snyder, Alva	38.20
Purviance, Austin E	36.50	Snyder. O. W	28.45
Quincy, Thomas	11.80	Somerville, Saml., jr	17.62
Quinn, P. E	28.73	Sorensen, N. C	129.80
Quirk, Michael J	40.80	Sowers, H. S	10.00
Raban, R. M	33.07	Sparhawk, Wm. T	59.60
Ramsdell, H. R	25.43	Spencer, Jesse A	70.15
Rathman, F. J	10.15	Spraul, Edwin	68.95
Reidy, John B	57.33	Stafford, Jos	36.42
Repp, George E	47.60	Stafford, R. J	31.25
Reynolds, B. A	4.95	Stauffer, J. A	5.00
Rich, Theodore S	144.25	Steddom, R. P	207.40
Richardson, A. G. G	31.67	Steere, J. P	5.62
Richter, Sprigg C	2.50	Stephens, James F	41.05
Riemer, J. F	14.90	Stevens, Frederick L	124.74
Rishel, A. E	288.15	Stevens, S. G	32.60
Roadhouse, C. L	25.70	Stevenson, Harry H	5.62
Robinson, L. A	5.63	Stewart, Chas. A	24.94
Rogers, A. B	17.15	Stingley, O. A	24.20
Roome, Henry	50.59	Stratton, J. J	6.43
Roop, A. H	56.25	Stuart, J. T	25.50
Rose, W. H	138.37	Stubbs, S. C	7.81
RoseKrans, W. R	38.77	Sturges, Frank P	30.20
Rothermel, R. O	36.87	Suit, F. T	29.17
Rumming, W. J	6.00	Sullivan, W. D	22.97
Rupprecht, R. A	.90	Summers, John	3.80
Russell, R. C	28.95	Sutton, Clemmons G	2.00
Ryder, H. R	14.55	Swan, C. J	7.00
Ryder, I. F	532.28	Swanger, Chas. H	540.05
Sabourin, N. M	14.55	Sweet, James	84.42
Sachse, Herman F	14.35	Tabor, Allen W	24.00
St. Clair, F. P	11.00	Talbert, Joseph F	5.20
Sanderson, O. M	45.50	Thackaberry, Joseph J	61.20
Sandy, J. T	4.98	Thomas, A. J	8.13
Sappington, Morey A	67.85	Thomas, L. L	19.25
Sartor, Scott	9.50	Thomas, R	14.80

BUREAU OF ANIMAL INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Meat inspection, Bureau of Animal Industry, 1907, $3,000,000"—Continued.

Name.	Amount.	Name.	Amount.
el and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
, R. H	$119.20	Weagley, C. B	$32.18
on, Harry Q	137.94	Webb, J. W	58.25
on, Jas. K	38.86	Webster, J. H	173.35
on, J. R	9.65	Weeks, L. C	34.85
on, R. E. L	62.26	Weihe, Walter E	148.19
on, Wm	209.57	Welch, W. H	18.00
Eby A	22.45	Wende, B. P	200.83
W. S	24.10	Wentworth, J. A	9.38
W. T	7.80	West, W. L	28.62
ıd, N. L	196.72	West, Walter M	24.90
s, F. P	14.16	Wetzel, G. H	14.85
liver P	28.80	Wetzel, Raymond W	29.65
D. C	69.25	White, Thomas	256.46
N. O	5.35	White, Timothy P	14.30
. W	80.27	Wiley, Morris C	21.75
tyne, Wm. C	9.25	Wilkens, Henry	17.29
, Robt. M	2.60	Williams, M. D	11.30
, A. G	2.90	Williams, W. E	6.65
ouis	42.37	Willio, M. W	45.55
m. F	11.30	Wilson, A. H	19.70
Harry P	19.88	Wilson, James	390.39
, C. L	8.80	Winant, Frank I	97.30
r, C. O	47.67	Wolf, Max	129.48
E. L	31.60	Wood, Geo. W	21.15
, S. J	12.30	Wooden, Morris	185.34
. A. H	352.95	Woollen, D. Murton	175.60
C. W	9.10	Woolfolk, G. H	34.90
Harry N	229.16	Woolsey, C. W	14.50
. C	79.43	Wootton, Wm. C	22.50
Harry K	124.73	Worcester, W. W	18.00
. K	65.10	Workheiser, H. F. R	29.72
. R	39.00	Wray, W. H	111.21
. W	9.60	Wright, B. E	8.55
G. D	1.05	Young, G. D	44.45
rn, Leo	10.55		
s, S. E	15.05	Total	44,607.91
, Michael F	91.40		

nount of appropriation	$3,000,000.00
penditures under above groups	2,159,154.22
nexpended balance	840,845.78
ents to credit of appropriation	2.13
t unexpended balance	840,847.91

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907, $82,500."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
t of Washington.			
eslie J	Veterinary inspector, at $1,600 and $1,800	$1,056.67	
Joseph W	Veterinary inspector, at $1,600	946.66	
Don W	do	355.55	
A. J	Veterinary inspector, at $1,600 and $1,800	981.67	
, Clarence A	Veterinary inspector, at $1,500	533.33	
ger, W. P	Veterinary inspector, at $1,500 and $1,800	1,115.00	
lt, D. C	Veterinary inspector, at $1,500 and $1,600	879.99	
, Fred'k W	Veterinary inspector, at $1,500	291.67	
, Roy E	Veterinary inspector, at $1,500 and $1,600	938.33	
, J. A	do	525.00	
Willis B	do	609.44	
, Willis H	do	342.78	
, Wilbur J	Veterinary inspector, at $1,500, $1,600 and $1,800	973.34	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Murray, Frank E	Veterinary inspector, at $1,500 and $1,600	$659.73	
Stewart, W. J	Veterinary inspector, at $1,500, $1,600 and $1,800	813.89	$701.65
Burgett, John L	Veterinary inspector, at $1,400	291.66	
Coleman, Arthur T	do	132.23	
Everly, Ora W	do	322.77	
Fry, William A	do	711.67	
Gallagher, B. A	do	421.94	
Graham, Ralph	do	291.66	
Hiatt, Wm. L	do	859.44	
McFarland, Claude M	Veterinary inspector, at $1,400 and $1,600	493.89	
MacKellar, Wm. M	do	971.66	
Nighbert, Erasmus M	Veterinary inspector, at $1,400	540.56	
Owen, Thomas M	do	824.45	955.65
Raque, Chas. A	do	700.00	
Baumann, Ernest H	Veterinary inspector, at $1,200	253.33	
Beattie, Robert S	do	610.00	
Boazman, James B	do	333.33	
Buffington, Ralph M	do	376.67	
Caldwell, Harry	do	326.67	
Conley, Charles C	do	250.00	
Dennis, Vernon A	Veterinary inspector, at $1,200 and $1,400	611.67	
Drummond, Robt. H	Veterinary inspector, at $1,200	276.67	
Dumbauld, Harry	do	350.00	
Eagle, Alexander F	do	256.67	
Harrington, D. W	do	566.67	311.35
Henderson, Edwin P	do	373.33	
Hood, H. B	do	620.00	
Marshall, Henry	do	240.00	
Musson, Robt. C	do	10.00	
Myers, Murray J	do	430.00	
Myers, Willis A	do	420.00	
Paul, Arthur	do	600.00	
Rigdon, Frank	do	200.00	
Robards, Jesse	do	250.00	
Rosenberger, M	do	610.00	
Schofield, Major	Veterinary inspector, at $1,200 and $1,400	511.67	
Skrable, Frank L	Veterinary inspector, at $1,200	123.33	
Stewart, Chas. A	do	430.00	
Thomason, Hugh	do	693.33	312.67
Thrower, J. D	do	100.00	
Warner, Dick E	do	426.67	
Washburn, Leo	do	283.33	
Weagley, Clinton B	do	276.67	
West, W. L	Veterinary inspector, at $1,200 and $1,400	306.10	
Butler, Tait	Expert in tick eradication, at $6.67 per diem	120.06	114.19
Cary, C. A	Expert in tick eradication, at $200 per month	186.67	214.93
Curtice, Cooper	do	946.67	
Klein, Louis A	Expert in tick eradication, at $200 per month, and expert in Texas fever, at $200 per annum.	350.54	
Jorden, William D	Live stock agent, at $1,400	770.00	
McCunningham, Daniel	do	692.22	
Hill, W. F	Live stock agent, at $1,200	83.33	
Emery, Frank E	Agent in tick eradication, at $1,800	940.00	769.86
Pettibone, A. H	Agent in tick eradication, at $1,500	875.00	494.22
Connell, Robt. M	Agent in tick eradication, at $4.75 per diem	698.25	125.01
Saunders, J. B	do	204.25	
Williams, John S	do	646.00	33.45
Eldridge, R. W., jr	Agent in tick eradication, at $1,000	291.67	33.15
Eldridge, R. W., sr	do	333.33	211.23
Getty, O. H	do	541.67	24.99
Gibson, Chas. H	do	591.66	
Gourley, Thomas M	do	413.88	298.66
Hahn, Royal H	do	591.66	637.45
Hunt, Ernest D	do	441.67	107.36
Kooker, Mark	do	250.00	
Lane, Givens	do	527.77	
Lukens, Chas. F	do	527.78	298.16
Merritt, Joseph G	do	300.00	
Morledge, Ralph	do	558.33	489.65

BUREAU OF ANIMAL INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation adicating cattle ticks, Bureau of Animal Industry, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington—Cont'd.			
A. Otis	Agent in tick eradication, at $1,000	$197.22	$159.600
Chester W	do	258.33	
, J. H	do	552.77	787.59
Dwight Doe	Agent in tick eradication, at $840	322.00	303.96
m. W	do	189.00	
T. R	do	154.00	28.40
n, W. M	do	487.67	363.24
Richard T	do	403.67	633.31
an, Isaac L	do	156.33	
n, Fred D	do	217.00	157.29
d, A. D	Agent in tick eradication, at $720	78.00	
d, W. M	do	92.00	
F	Agent in tick eradication, at $50 per month	148.33	147.00
I. N	do	70.00	131.61
vid W. S	Agent in tick eradication, at $50 per month and $4 per diem.	352.00	241.18
, J. S	Agent in tick eradication, at $50 per month	105.00	137.00
s, Robt. B	do	53.33	22.50
. W	Agent in tick eradication, at $50 per month and $4 per diem.	341.67	193.73
. B	Agent in tick eradication, at $50 per month	130.00	
, Chas. M	do	150.00	
E. W	do	146.67	
James S	do	93.33	109.75
rood, H. B	Agent in tick eradication, at $50 per month and $4 per diem.	282.00	174.10
, W	Agent in tick eradication, at $500	88.89	
hby, C. L	Agent in tick eradication, at $1 per month	10.00	110.22
n, Wm. A	Stock examiner, at $900	207.50	
g, John A	Tagger, at $720	72.00	
Edward S	Tagger, at $720 and $840	487.00	
Albert E	Clerk, at $1,000	402.78	
, Oscar	Clerk, at $900	427.50	
otal		47,259.49	

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907, $82,500."

Name.	Amount.
Stationery.	
, Incorporated	$3.75
D. Frank	30.00
o., W. B	5.00
otal	38.75
iscellaneous supplies, etc.	
. J	265.00
& Ross	.50
, Robt. S	143.50
ton, R. M	272.50
, J. L	87.50
Dwight D	270.00
, Clarence A	302.50
W	202.50
C. C	87.50
Vernon A	181.00
uld, Harry	187.50
ardware Co	11.25
m. A	168.00
er, B. A	87.50

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Gibson, C. H	$161.00
Gourley, Thos. M	141.33
Graham, Ralph	187.50
Hiatt, Wm. L	477.50
Hunt, E. D	122.50
Jorden, Wm. D	236.00
Joyce Engraving Co., Maurice	1.00
Lane, Givens	161.00
Lukens, C. F	222.50
McCunningham, David	172.67
Merritt, Joseph G	126.00
Morledge, Ralph	300.00
Nation, W. C	34.00
Pettee & Co., W. J	77.00
Rigdon, Frank	150.00
Robards, Jesse	75.00
Texas Company	165.56
Treeman, Fred D	73.50
Underwood Typewriter Co	82.50
Warner, Dick E	310.00
Total	5,543.31

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907, $82,500"—Continued.

Name.	Amount.
Furniture.	
Bass & Harbour Furniture and Carpet Co	$47.00
Fleenor Furniture Co	50.30
Johnston Co	26.00
Lansburgh Furniture and Carpet Co., Julius	54.00
Woodward & Lothrop	16.33
Total	193.63
Freight.	
Chesapeake and Ohio Rwy. Co	4.90
Louisville and Nashville R. R. Co	84.82
Total	89.72
Telegraph.	
Postal Telegraph-Cable Co	16.06
Western Union Telegraph Co	31.99
Total	48.05
Telephone.	
Cumberland Telegraph and Telephone Co	34.51
Rent.	
Krise, P. A	60.00
Apparatus, instruments, and laboratory material.	
Bausch & Lomb Optical Co	43.88
Travel and station and field expenses.	
Abel, Joseph	67.75
Allen, Leslie J	321.13
Andress, Wm. R	34.25
Baldwin, Wm. A	433.65
Baumann, Ernest H	280.96
Beattie, J. G	41.17
Beattie, Robert S	181.10
Boazman, James B	178.92
Bowers, S. B	9.70
Browning, G. W	32.49
Buffington, R. M	96.86
Burgett, John L	75.08
Burkhalter, J. D	6.56
Bushong, J. A	37.30
Butler, Tait	114.19
Caldwell, Harry	373.05
Cary, C. A	214.93
Chapin, Dwight D	291.66
Clawson, Clarence A	107.46
Coffy, J. P	38.70
Cole, W. W	76.39
Coleman, Arthur T	61.02
Conley, Chas. C	29.30
Curtice, Cooper	500.00
Davis, H. F	18.80
Davis, J. H	14.25
Dean, Albert	130.29
Dennis, Vernon A	219.85
Drummond, Robt. H	223.41
Dumbauld, Harry	113.04
Eagle, A. F	293.00
Echols, B. C	3.75
Eldridge, Romeyn W., jr	33.15
Eldridge, Romeyn W., sr	211.23
Ellenberger, W. P	714.82
Ellis, J. F	147.00
Emery, Frank E	241.80
Enochs, Nathan	25.70
Everly, O. W	$369.36
Faville, G. C	42.75
Foster, I. N	131.61
Frazier, F. A	7.97
Fry, D. W. S	241.13
Fry, Wm. S	462.34
Gallagher, B. A	304.89
Getty, Othello H	24.00
Gibson, Chas. H	212.00
Good, H. H	16.70
Gourley, Thos. M	226.00
Graham, Ralph	64.83
Hahn, Royal H	584.81
Hanawalt, David C	627.23
Harbison, G. W	11.62
Harris, A. E	22.30
Harrington, D. W	225.05
Haston, D. L	14.25
Henderson, E. P	299.66
Hiatt, Wm. L	277.46
Holloway, J. H	9.87
Hood, H. P	309.30
Hopkins, F. W	96.75
Hudson, J. S	137.00
Hunt, Ernest D	107.33
Jackson, Roy E	382.31
Jarvis, D. A	15.25
Jarvis, G. W	7.97
Jorden, Wm. D	284.99
Kelsay, T. R	28.40
Kiernan, J. A	505.50
Klein, Louis A	308.43
Kooken, Mark	256.76
Lane, Givens	104.10
Lentz, Edward S	209.82
Lentz, G. W	14.50
Lewallen, W. M	291.98
Lowrey, E. H	15.25
Lincoln, Willis B	225.77
Lukens, Chas. F	250.16
McCabe, Geo. P	50.10
McClure, Robt. B	22.50
McCunningham, Daniel	422.24
McFarland, Claude M	505.93
Mackellar, W. M	566.90
Marshall, Henry	160.98
Martin, R. M	35.36
Mauldin, C. E	95.10
Meaders, F. M	30.80
Meadors, W. H	208.10
Melvin, A. D	9.00
Merritt, Jos. G	60.10
Miller, Ira	7.75
Mize, T. W	193.73
Moriedge, Ralph	423.57
Murphy, W. J	526.40
Murray, F. E	359.57
Musser, Robt. C	54.35
Myers, Murray J	646.10
Myers, Willis A	494.23
Nighbert, F. M	431.74
Noyes, R. E	27.20
Owen, Thos. M	295.30
Pack, Bennette	13.25
Park, A. B	198.57
Parker, A. Otis	159.60
Parker, Joseph W	498.11
Patton, D. W	147.20
Paul, Arthur	472.30
Payne, A. J	538.75
Pennington, J. F	19.60
Pettibone, A. H	418.61
Pfaffman, G. A	21.25
Potter, G. M	60.12
Pratt, R. F	103.16
Price, J. O. F	29.50

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907, $82,500"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Quillian, C. M	$194.64	Steddom, R. P	$88.38
Ragland, M. J	15.79	Stewart, Chas. A	188.20
Ransom, B. H	166.45	Stewart, W. J	556.35
Raqui, Chas. A	389.27	Stone, I. R	20.80
Rigdon, Frank	86.06	Swain, J. L	14.33
Robards, Jesse	75.04	Thomasson, Hugh	298.07
Robbins, Hartwell	96.75	Treeman, Fred D	112.73
Rodibaugh, S. J	51.89	Underwood, H. B	174.10
Rosenberger, M	487.82	Wallace, Willis A	24.10
Rubel, Chester W	122.00	Warner, Dick E	254.62
Safley, J. C	19.60	Washburn, Leo	114.99
Schofield, Major	439.56	Waters, J. T	24.85
Shelton, E. W	238.80	Weagley, C. B	182.51
Shipley, H. R	11.40	Weihe, Walter E	38.10
Skrable, F. L	76.34	West, W. L	352.96
Smallmon, D. M	11.30	Whitson, M. E	20.40
Smith, James S	109.75	Willoughby, C. L	110.22
Sparkman, I. L	37.80		
Squires, J. H	342.58	Total	27,976.51

Total amount of appropriation	$82,500.00
Total expenditures under above groups	81,287.85
Unexpended balance	1,212.15
Repayment to credit of appropriation	.13
Net unexpended balance	1,212.28

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907-8, $25,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Allen, Leslie	Veterinary inspector, at $1,800	$435.00	
Ellenberger, W. P	Veterinary inspector, at $1,800 and $2,000	451.67	
Murphy, Wilbur	Veterinary inspector, at $1,800	435.00	
Payne, A. J	Veterinary inspector, at $1,800 and $2,000	451.67	
Stewart, Walter J	Veterinary inspector, at $1,800	435.00	
Hanawalt, David C	Veterinary inspector, at $1,600 and $1,800	420.01	
Jackson, Roy E	....do	420.01	
MacKellar, Wm. M	Veterinary inspector, at $1,600, $1,800, and $2,000	436.68	
Parker, Joseph W	Veterinary inspector, at $1,600 and $1,800	420.01	
Dennis, Vernon A	Veterinary inspector, at $1,400	338.33	
Fry, Wm. A	Veterinary inspector, at $1,400 and $1,600	371.66	
Hiatt, Wm. L	Veterinary inspector, at $1,400 and $1,800	405.00	
Jorden, W. D	Veterinary inspector, at $1,400	338.33	
McCunningham, Dan	....do	105.00	
Owen, Thomas M	....do	338.33	
Raque, Chas. A	Veterinary inspector, at $1,400 and $1,800	405.00	
Schofield, Major	Veterinary inspector, at $1,400 and $1,600	371.66	
Beattie, Robt. S	Veterinary inspector, at $1,200	90.00	
Harrington, D. W	....do	10.00	
Hood, Harvey B	Veterinary inspector, at $1,200 and $1,600	356.66	
Paul, Arthur	....do	356.66	
Rosenberger, M	Veterinary inspector, at $1,200 and $1,400	323.33	
Thomason, Hugh	Veterinary inspector, at $1,200	206.67	
Emery, Frank E	Agent in tick eradication, at $1,800	435.00	
Pettibone, A. H	Agent in tick eradication, at $1,500	362.50	
Gibson, Chas. H	Agent in tick eradication, at $1,000	75.01	
Gourley, Thos. M	....do	241.67	
Hahn, Royal H	....do	241.67	
Lane, Givens	....do	75.01	

BUREAU OF ANIMAL INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriations "Eradicating cattle ticks, Bureau of Animal Industry, 1907, $25,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Merritt, Joseph G	Agent in tick eradication, at $1,000	$75.01	
Morledge, Ralph	do	241.67	
Squires, J. H	do	241.67	
Chapin, Dwight D	Agent in tick eradication, at $840	203.00	
Lewallen, W. M	do	203.00	
Pratt, Richard T	do	203.00	
Treeman, Fred D	do	203.00	
Butler, Tait	Agent in tick eradication, at $6.67 per diem	86.71	
Connell, R. M	Agent in tick eradication, at $4.75 per diem, and $1,200 per annum.	337.50	
Williams, John S	Agent in tick eradication, at $4.75 per diem	361.00	
Fry, D. W. S	Agent in tick eradication, at $4 per diem	276.00	
Mize, T. W	do	280.00	
Underwood, H. B	do	280.00	
Cary, C. A	Expert in tick eradication, at $200 per month	80.00	
Klein, Louis A	Expert in Texas fever, at $200 per annum	15.00	
Ulmann, Oscar	Clerk, at $900	22.50	
Lentz, E. S	Tagger, at $840 and $900	205.50	
Total		12,667.10	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Eradicating cattle ticks, Bureau of Animal Industry, 1907–8, $25,000."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Cont'd.	
Allen, L. J	$135.00	Hiatt, Wm. L	$187.50
Beattie, R. S	31.50	Jorden, Wm. D	101.50
Chapin, Dwight D	187.50	Lane, Givens	31.50
Connell R. M	37.50	McCunningham, Daniel	31.50
Dennis, Vernon A	114.00	Merritt, Joseph G	31.50
Fry, Wm. A	101.50	Morledge, Ralph	137.50
Gibson, C. H	31.50	Treeman, Fred D	101.50
Gourley, Thos. M	174.00	Total	1,521.00
Hahn, Royal H	86.00		

Total amount of appropriation	$25,000.00
Total expenditures under above groups	14,188.10
Unexpended balance which is available during fiscal year 1908	10,811.90

RECAPITULATION.

Statutory salaries	$76,642.76
Lump-fund salaries:	
In Washington	173,809.65
Outside of Washington	2,235,770.36
Stationery	14,472.48
Miscellaneous supplies and services, equipment, books, machinery, etc	287,283.45
Furniture	15,875.85
Fuel	858.65
Freight	1,244.07
Express	1,202.28
Telegraph	1,498.23
Telephone	2,882.31
Rent	25,861.42
Gas and electricity	1,670.36
Apparatus, instruments, and laboratory material	17,853.39
Printing and binding	11,769.10
Travel and station and field expenses	244,819.41
Total for entire Bureau of Animal Industry	3,113,603.69

BUREAU OF ANIMAL INDUSTRY—Continued.

RECAPITULATION—Continued.

Total amount of appropriations	$4,054,480.00
Total expenditures under above groups	3,113,603.69
Unexpended balance	940,876.31
Repayments to credit of appropriations	55 88
Net unexpended balance on September 30, 1907	940,932.19
Amount available in fiscal year 1908	10,811.90
	930,120.29
Outstanding liabilities (estimated)	11,504.85
Balance to be turned back in Treasury (estimated)	918,615.44

PROJECTS.

The principal projects conducted by the Bureau of Animal Industry during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Meat Inspection.

This work was carried on at 708 establishments, located in 186 cities and towns. It covers the ante-mortem inspection of animals to be slaughtered and the post-mortem inspection of their carcasses, the reinspection of meats and meat food products prepared therefrom, the supervision of processes of preparation of meats and meat food products and the branding or other marking of wholesome carcasses, parts, and meat food products prepared for interstate or export trade, and the issuance of certificates to accompany export products; also the condemnation and disposition of carcasses, parts of carcasses, and meat food products that are found to be unwholesome and unfit for human food. The cost of this work for the year was $1,822,886.13 for salaries, $38,511.85 for traveling expenses, $276,988.29 for supplies and miscellaneous items—a total of $2,138,386.27.

Eradication of Scabies in Sheep and Cattle.

This work was carried on principally in the range States and Territories, and at feeding stations and stock yards. It involves the inspection and dipping of large numbers of cattle and sheep, the issuance of certificates, and the supervision of transportation and cleaning of cars. The cost was $216,114.97 for salaries, $110,256.44 for traveling expenses, $7,021.31 for miscellaneous items—a total of $333,392.72.

Eradication of Cattle Ticks.

This work, done in cooperation with State and Territorial authorities, was inaugurated and conducted in 12 States and the Territory of Oklahoma. It is carried on mainly in areas contiguous to the Texas fever quarantine line, and includes the inspection of cattle, the location of infected animals and premises, their reinspection, and their treatment, or supervision, or direction of same, with a view to freeing such areas of Texas fever ticks, in order that the quarantine may be removed therefrom. The cost was $101,844.88 for salaries, $45,102.39 for traveling expenses, $19,888.68 for supplies and miscellaneous items—a total of $166,765.95.

Special Investigations.

This work consists in the investigation of reported outbreaks of disease in the different States, and has for its purpose the repression of animal diseases by cooperation with the State authorities. The cost of this work was $1,908.34 for salaries, $1,697.10 for traveling expenses, $197.65 for miscellaneous expenses—a total of $3,803.09.

Inspection of Southern Cattle.

This work covers the enforcement of the quarantine against the area infested with ticks, which convey the disease generally known as Texas or southern fever, the supervision of the movement of cattle therefrom and of their transportation and handling in stock yards, and cleaning of cars in accordance with the regulations. The cost was $56,279.81 for salaries, $6,038.64 for traveling expenses, $3,687.09 for miscellaneous items—a total of $66,005.54.

Scientific Investigations Relating to Animal Diseases.

This work is carried on for the purpose of studying the causes of diseases affecting animals and of ascertaining the methods best adapted for controlling and curing them. It includes investigations and experiments along various lines, the preparation and distribution of blackleg vaccine, tuberculin, and mallein, and requires the maintenance of laboratories, an experiment station, and a library. The cost was $86,265.03 for salaries, $2,751.85 for traveling expenses, $35,831.57 for supplies and miscellaneous expenses—a total of $124,848.45.

Investigations in Animal Husbandry and Experiments in Breeding and Feeding.

This work includes experiments in animal breeding and feeding in cooperation with State experiment stations, the collection of information relating to the breeding and feeding of farm animals, and the supervision of pedigree-record associations. The cost was $21,623.69 for salaries, $4,456.36 for traveling expenses, $12,151.69 for miscellaneous expenses—a total of $38,231.74.

Dairy Investigations and Inspection of Dairy Products.

This work covers general investigations in dairy subjects; special lines of work relating to dairy organizations, laws, and development of foreign markets; investigations in the manufacture of dairy products; inspection of dairy exports, and of factories and markets for renovated butter. The cost was $58,777.18 for salaries, $23,278.79 for traveling expenses, $11,878.22 for miscellaneous items—a total of $93,934.19.

Inspection of Animals for Export.

This work is carried on at the more important stock yards, ports on the Atlantic and Pacific seaboards, and at Canadian and Mexican border points, and includes, together with their inspection, the tuberculin testing of all breeding cattle and milch cows, and the mallein testing of horses for shipment to Canada, as well as the careful inspection of all sheep, swine, and goats. Only animals found to be healthy and free from disease and shown not to have been exposed to the contagion of any disease, and that are otherwise fit, are allowed shipment. An inspection likewise is made of the cars and boats carrying such animals to the ocean steamer to see that these are properly cleaned and disinfected, and of the steamer to see that it is properly fitted and spaced for carrying the different kinds of animals and equipped as prescribed by the Department regulations for the purpose. Certificates of export are issued for cattle and for the other different kinds of animals, including horses, intended for shipment to countries requiring certificates of inspection. Two inspectors are stationed in Great Britain for the purpose of observing and reporting on the condition of animals when they are landed. The cost of this work was $30,062.49 for salaries, $100.07 for traveling expenses, $1,514.43 for supplies and miscellaneous items—a total of $31,676.99.

Inspection of Imported Animals.

The object and purpose of this work is the prevention of the introduction of contagious animal diseases. For cattle, sheep, swine and goats a permit to import must first be obtained from the Secretary of Agriculture, and these animals must be accompanied by certificates of health from the proper officials of the district and country from which shipped. Cattle coming from Europe must likewise be accompanied by satisfactory tuberculin test charts by an inspector of this Department stationed in Great Britain, or they must be subjected to the tuberculin test while in quarantine. Canadian cattle are admitted if accompanied by a satisfactory tuberculin-test certificate issued by a Canadian official veterinarian, otherwise they are subjected to a short period of quarantine and the tuberculin test at the border. Horses are admitted on passing a satisfactory inspection by a Department veterinarian at the port of entry. The import work involves the inspection of animals imported from Mexico and Canada and through certain designated sea ports, at which animal quarantine stations are maintained, all ruminant animals and swine being subject to quarantine. The cost of this work was $26,659.33 for salaries, $4,827.72 for traveling expenses, $3,707.73 for supplies and miscellaneous items—a total of $35,194.78.

General Supervision and Miscellaneous Work.

The general administrative work of the Bureau cost $66,862.05 for salaries, $637.59 *for traveling expenses*, $20,084.49 for miscellaneous items—a total of $87,584.13.

BUREAU OF PLANT INDUSTRY.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Plant Industry, 1907, $163,060."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ay, B. T	Chief of Bureau, at $4,500	$4,500.00	$297.18
ames E	Chief clerk, at $2,000	2,000.00	.....
ll, J. E	Editor, at $2,000	2,000.00	.....
E. M	Superintendent, gardens and grounds, at $1,800	1,800.00	.....
ook, Leon M	Clerk, class 4	1,800.00	196.90
Nellie E	do	1,800.00	.....
). F	do	1,800.00	.....
n, Leslie	do	1,800.00	26.01
our, W. P	Clerk, class 3	1,466.67	.....
lvina	do	133.33	.....
Alice	do	1,600.00	2.25
son, S. M	do	1,600.00	.....
W. N	do	1,600.00	.....
V. W	do	1,600.00	.....
rs, B. C	do	1,600.00	.....
J. C	do	1,600.00	.....
R. S	Clerk, class 2	264.45	.....
r, Helen	do	1,127.78	.....
. A	do	1,166.67	.....
, F. H	do	233.33	.....
H. A	do	1,400.00	.....
, E. H	do	1,400.00	.....
er, W. F	do	1,400.00	.....
. P	do	1,166.67	.....
n, Carrie	do	233.33	.....
our, W. P	do	116.66	.....
W. L	do	991.67	.....
, H. L	do	50.56	.....
Anna H. B	do	1,400.00	.....
, Mary M	do	1,370.84	.....
, Jessie A	do	1,353.33	.....
re, D. G	do	1,400.00	.....
W. E	do	1,400.00	.....
. A	Clerk, class 1	200.00	.....
John A	do	1,000.00	.....
ace	do	1,200.00	52.30
M. S	do	400.00	.....
, J. P	do	800.00	.....
rs, R. P	do	1,200.00	.....
Wm	do	1,200.00	.....
nell, Bert	do	1,200.00	.....
Allen	do	1,200.00	.....
Harry	do	830.00	.....
W. A	do	353.33	.....
, M. J	do	1,200.00	.....
Chas. V	do	1,200.00	.....
Emma C	do	1,200.00	.....
E. F	do	1,200.00	.....
, J. H	do	423.33	.....
E. Q	do	700.00	.....
W	do	1,200.00	.....
C	do	736.67	.....
d, A. C	do	450.00	.....
ll, E. E	do	1,200.00	.....
W. L	do	350.00	.....
Tellie V	do	850.00	.....
Guy S	do	1,200.00	.....
Frederic S	do	50.00	.....
Harry B	do	986.67	106.10
David	do	160.00	.....
, A. A	do	1,200.00	.....
Eunice R	do	1,140.00	70.31
S. M	do	1,200.00	.....
Ellen I	do	1,196.67	.....
L. J	do	1,200.00	.....
J	do	200.00	264.61
rton, Pearl	do	1,000.00	.....
M. F	do	1,200.00	57.20
s, A. H	do	1,200.00	.....
A. C	Seed clerk and superintendent, at $1,200	1,200.00	.....
J. F	Artist, at $1,200	1,200.00	.....
gnes	Artist, at $840	840.00	42.12

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Plant Industry, 1907, $163,060"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Allan, Isabelle	Clerk, at $1,000	$583.34	
Knight, E. Q	do	416.66	
Allen, Clyde W	do	1,000.00	
Allen, Jessie M	do	833.34	
Woolverton, Pearl	do	166.66	
Ashmore, C. D	do	250.00	
Neal, C. A	do	208.33	
Romig, L. H	do	500.00	$101.90
Atwood, Alice C	do	666.67	
Graham, J. P	do	333.33	
Bagley, M. H	do	375.01	
Shepherd, A. C	do	622.22	
Bailey, R. V	do	972.22	
Bateman, C. C	do	333.33	
Johnston, G. M	do	666.67	
Burke, Edmund	do	680.55	
Gary, Kate F	do	319.44	
Church, Lillian	do	583.34	
Tidestrom, Ivar	do	416.66	11.80
Davenport, L. H	do	1,000.00	
Draper, Annie E	do	580.56	
Price, Nellie V	do	263.90	
Hugins, F. A	do	1,000.00	
Moise, Frederic S	do	958.33	
Sawyer, Alice M	do	41.67	
Phelps, Nora H	do	1,000.00	
Ware, B. G	do	1,000.00	
Allan, Isabelle	Clerk, at $900	357.50	
Edmonston, Bessie L	do	37.50	
Jones J. Arthur	do	160.00	
Sawyer, Alice M	do	300.00	
Allen, Jessie M	do	150.00	
Burke, Edmund	do	287.50	
Gary, Kate F	do	462.50	
Ashmore, C. D	do	375.00	
Atwood, Alice C	do	300.00	
Miller, D. Cecil	do	225.00	
Austin, Ella M	do	900.00	
Colt, Jennie L	do	600.00	
Johnston, G. M	do	300.00	
Draper, Annie E	do	375.00	
Dyre, Mildred P	do	300.00	
Sweet, M. L	do	225.00	
Ammen, Mathilde	Clerk, at $840	521.66	
Andrews, Bessie M	do	203.00	
Ashmore, C. D	do	280.00	
Escavaille, C. L	do	490.00	
Bell, B. C	do	560.00	
Colt, Jennie L	do	280.00	
Bollinger, Lewis	do	88.67	
Gardner, Ed th F	do	79.33	
Howell, Edna D	do	595.00	
Braden, Frank C	do	72.33	
Gorman, John J	do	4.67	
MacMorris, Laura	do	210.00	
Reinford, Abram S	do	492.33	
Edmonston, Bessie L	do	794.51	
Stothart, T. B	do	35.00	
Gordon, Edith F	do	315.00	
Sawyer, Alice M	do	525.00	
Martin, Alice R	do	210.00	
Miller, D. Cecil	do	630.00	
Tyler, Clara H	Clerk, at $800	800.00	
Andrews, Bessie M	Clerk, at $720	64.00	
Connor, Bernard	do	568.00	
Horan, Katharine	do	26.00	
Armstrong, H. C	do	442.00	
Clark, Magraret M	do	14.00	
Roberts, Henry	do	70.00	
Austin, Mary A	do	720.00	
Barbery, Marie	do	30.00	
Stothart, T. B	do	690.00	

BUREAU OF PLANT INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Plant Industry, 1907, $163,060"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
.....	Clerk, at $720	$240.00	.....
C. K.....	....do	480.00	.....
race M.....	....do	180.00	.....
s, Laura.....	....do	540.00	.....
Edith F.....	....do	120.00	.....
arles S.....	....do	570.00	.....
R. B.....	....do	248.00	.....
f, A. E.....	....do	442.00	.....
vy V.....	....do	720.00	.....
race D.....	....do	697.00	.....
e.....	....do	720.00	.....
Bessie M.....	Clerk, at $660	36.67	.....
C. K.....	....do	179.67	.....
race M.....	....do	275.00	.....
ı, B. M.....	....do	165.00	.....
Marie.....	....do	247.50	.....
arles S.....	....do	137.50	.....
V.....	....do	247.50	.....
ose A.....	....do	660.00	.....
. E.....	Clerk, at $600	75.00	.....
ı, B. M.....	....do	450.00	.....
Marie.....	....do	150.00	.....
C. K.....	....do	36.67	.....
race M.....	....do	163.33	.....
ry S.....	....do	38.33	.....
rnelia.....	....do	150.00	.....
sie E.....	....do	53.34	.....
. F.....	Clerk or messenger, at $480	320.00	.....
F.....	....do	54.67	.....
race M.....	....do	29.33	.....
A. M.....	....do	70.67	.....
A.....	Photographer, at $900	900.00	.....
E. L.....	Assistant photographer, at $600	525.00	.....
sie E.....	....do	38.33	.....
. H.....	Illustrator, at $900	562.50	.....
gnes T.....	....do	337.50	.....
. B.....	Carpenter, at $900	900.00	.....
y, W. E.....	Carpenter, at $840	70.00	.....
ı. A.....	....do	763.00	.....
avid.....	Gardener, at $1,000	1,000.00	.....
oseph A.....	....do	208.34	$2.80
C.....	....do	791.67	1,387.62
arry.....	Gardener, at $900	187.50	.....
oseph A.....	....do	712.50	.....
n, H. E.....	....do	900.00	989.83
., sr.....	....do	900.00	.....
arles.....	....do	900.00	36.58
arry.....	Gardener, at $840	665.00	.....
mes.....	....do	175.00	.....
omas G.....	....do	840.00	.....
rnest.....	Gardener, at $780	780.00	.....
A.....	....do	780.00	.....
se O.....	....do	780.00	.....
ın W.....	....do	780.00	.....
lenry.....	Gardener, at $600	350.00	111.10
ı, Edward.....	....do	156.67	.....
.....	Gardener, at $720	720.00	.....
. D.....	Gardener, at $660	660.00	.....
ike.....	....do	467.50	.....
ı, James H.....	....do	174.17	.....
J. R.....	Skilled laborer, at $900	900.00	.....
S., sr.....	Painter, at $840	840.00	.....
es K., jr.....	Plumber, at $840	840.00	.....
Charles J.....	....do	840.00	.....
. H.....	Fireman, at $720	408.00	.....
W.....	....do	90.00	.....
lenry.....	....do	210.00	.....
ary.....	....do	720.00	.....
rnest.....	....do	720.00	.....
. K.....	Messenger, at $840	840.00	262.81
.....	....do	105.00	.....
C. M.....	....do	280.00	.....

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Plant Industry, 1907, $163,060"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Thomas, C. R.	Messenger, at $840	$324.33	
Byrnes, J. Wise	Skilled laborer, at $720	720.00	
Crandall, E. L.	do	90.00	
Hall, C. L.	do	236.00	
Mansfield, C. M.	do	390.00	
Smith, Mary J.	do	720.00	
Cutshall, G. W.	Skilled laborer, at $660	660.00	
Groesbeck, D. V. H.	do	533.50	
Lynn, T. H.	do	110.00	
Hardenstein, F. P.	do	449.17	
Kelly, J. W.	do	210.83	$26.20
Cookman, G. E.	Skilled laborer, at $600	600.00	
Franklin, C. D.	do	600.00	
Frazier, C. T.	do	565.01	
Hull, W. S.	do	600.00	
Minor, G. O.	do	600.00	
Ports, E. M.	do	600.00	
Hungerford, H. F.	Messenger, at $660	522.50	
Wasner, W. H.	do	137.50	
Borochoff, J. M.	Messenger, at $600	600.00	
Hungerford, H. F.	do	118.33	
Prentiss, A. M.	do	475.00	
Page, J. E.	do	600.00	
Hodges, A. J.	Watchman, at $720	420.00	
Phipps, Wm. H.	do	300.00	
Kelley, M. C.	do	720.00	
Scanlon, P.	do	720.00	
Pisney, R. H.	Watchman, at $600	600.00	
Lee, Frank	do	500.00	
Syphax, R. E.	do	35.00	
Bechtold, John M.	Messenger, at $480	264.00	
Degenhardt, G. A.	do	216.00	
Chandler, H. F.	do	480.00	
Collins, J. Burt, jr.	do	477.33	
Lingle, Albert F.	do	456.00	
Roberts, Harry	do	120.00	105.30
Taylor, James A.	do	340.00	
Campbell, W. S.	Messenger boy, at $360	197.00	
Frost, Fred C.	do	30.00	
Taylor, James A.	do	105.00	
Degenhardt, G. A.	do	198.00	
Winkler, J. H.	do	162.00	
Carroll, Louis W.	Messenger boy, at $300	125.00	
Winkler, J. H.	do	165.00	

Total amount of appropriation	$163,060.00
Total amount paid for salaries	160,987.05
Unexpended balance	2,072.95

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Woods, A. F.	Assistant chief of Bureau, at $3,000	$3,000.00	$65.60
Corbett, L. C	Horticulturist, at $3,000	3,000.00	658.38
Beattie, W. R.	Assistant horticulturist, at $1,600	1,600.00	1,437.29
Butterfield, E. C.	Assistant horticulturist, at $1,500	1,500.00	50.33
Spillman, W. J	Agriculturist, at $3,000	2,750.00	1,020.99
Coville, Frederick V	Botanist, at $3,000	3,000.00	263.37
Dewey, Lyster H.	Botanist, at $2,500	2,500.00	434.60
Brown, E.	Assistant botanist, at $1,800, and botanist, at $2,000.	1,966.67	965.02
Collins, G. N.	Assistant botanist, at $1,800	1,350.00	.....
Wight, W. F.	Assistant botanist, at $1,600 and $1,800	1,683.33	608.90
Smith, Erwin F.	Pathologist, at $3,000	1,500.00	435.07
Townsend, C. O	Pathologist, at $2,500	2,500.00	4,102.93
Waite, M. B	....do	2,500.00	883.31
Shear, C. L.	Pathologist, at $2,250	2,250.00	572.95
Freeman, E. M.	Pathologist, at $2,000	1,000.00	504.84
Orton, W. A.	....do	416.67	488.04
Metcalf, Haven	Pathologist, at $150 per month	1,800.00	117.75
Swingle, Walter T.	Physiologist, at $2,750	2,750.00	72.69
True, R. H.	....do	2,750.00	609.11
Webber, H. J	....do	1,145.83	463.17
Kearney, T. H.	Physiologist, at $2,000 and $2,250	1,937.50	1,610.36
Kellerman, K. F.	Physiologist, at $1,800	1,800.00	448.55
Hartley, C. P.	Assistant physiologist, at $1,600, and assistant, at $1,800.	1,700.00	538.81
Norton, J. B.	Assistant physiologist, at $1,600	1,600.00	503.81
Brand, Chas. J	Assistant physiologist, at $1,500, and assistant, at $1,800.	1,650.00	284.21
Robinson, T. R.	Assistant physiologist, at $1,400	1,400.00	214.27
Briggs, Lyman J.	Physicist, at $2,500	2,500.00	529.42
Belz, J. O.	Assistant, at $1,400 and $1,600	1,441.67	656.43
Brackett, G. B.	Pomologist, at $3,000	3,000.00	14.95
Powell, G. Harold	Pomologist, at $2,750	2,750.00	1,287.98
Taylor, Wm. A.	....do	2,750.00	567.33
Husmann, Geo. C.	Pomologist, at $2,000	2,000.00	1,295.10
Gould, H. P	Assistant pomologist, at $1,800	1,800.00	525.60
Tenny, Lloyd S.	Assistant pomologist, at $1,400 and $1,800	1,733.33	1,333.40
Carleton, M. A.	Cerealist, at $2,750	2,750.00	1,114.75
Cook, O. F.	Bionomist, at $2,750	2,177.08	659.24
Hitchcock, A. S.	Agrostologist, at $2,500	2,500.00	369.55
Jardine, Wm. M.	Agronomist, at $2,000	833.34	199.06
Ball, C. R.	Agronomist, at $1,800	1,800.00	337.67
Warburton, C. U.	Assistant agronomist, at $1,600	533.34	878.66
Crawford, A. C.	Pharmacologist, at $1,800	1,800.00	205.39
Patterson, Flora W.	Mycologist, at $1,600	1,600.00	5.61
Safford, W. E.	Curator, at $1,600, and assistant curator, at $1,800.	1,683.33	401.75
Holton, Nina G.	Assistant curator, at $960	958.66	.....
Chamberlain, J. S.	Chemist, at $1,600 and $1,800	1,716.67	9.55
Lewton, F. L.	Scientific assistant, at $1,600	1,066.65	592.19
Hosford, George W.	Scientific assistant, at $1,400	1,166.67	935.48
Carrier, Lyman	Scientific assistant, at $1,200	823.33	836.71
Gilbert, W. W.	....do	600.00	348.83
Mitchell, Geo. F.	....do	500.00	318.98
O'Gara, P. J.	....do	980.00	849.42
Young, T. B.	....do	500.00	344.09
McClure, Harry B.	Scientific assistant, at $1,000	791.67	658.88
Tidestrom, Ivar	....do	583.34	.....
Moss, James M.	Scientific assistant, at $720	194.00	.....
De Loach, Gertrude B.	Scientific assistant, at $50 per month	170.00	.....
Griffiths, David	Assistant, at $2,000	2,000.00	908.10
Smith, C. B.	....do	500.00	259.35
Duvel, J. W. T.	Assistant, at $1,600 and $2,000	1,300.00	479.97
Drake, J. A.	Assistant, at $1,400	948.89	764.86
Harrison, Carrie	....do	1,166.67	.....
Hillman, F. M.	....do	1,166.67	.....
Rittue, E. C.	....do	291.67	.....
Beckwith, T. D.	Assistant, at 1,200	1,200.00	304.24
Fischer, W.	....do	1,200.00	249.70
Fitz L. A.	....do	300.00	312.59

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Harter, L. L.	Assistant, at $1,200	$1,200.00	$695.24
Hawkins, Lon A.	....do	270.00	120.76
Hedges, Florence.	....do	1,090.00	.....
Johnston, John R.	....do	1,200.00	.....
Merwin, J. O.	....do	366.67	.....
Miller, H. A.	Assistant, at $1,200 and $1,400	1,350.00	234.53
Oakley, R. A.	Assistant, at $1,200, and assistant agriculturist, at $1,400.	216.67	719.20
Pearce, Julia R.	Assistant, at $1,200	1,186.67	.....
Ricker, P. L.	Assistant, at $1,200 and $1,400	1,300.00	.....
Swingle, Deane B.	Assistant, at $1,200	196 67	.....
Tyler, F. J.	....do	1,000.00	.....
Umberger, H. J. C.	....do	800.00	142.25
Hibbard, R. P., jr.	Assistant, at $1,000	825.00	376.82
Hood, Samuel C.	....do	500.00	353.14
Houghton, H. W.	....do	458.33	95.21
Wood, Anna K.	....do	708.34	7.89
Brown, Nellie A.	Assistant, at $960	781.33	.....
Brown, E. B.	Assistant, at $960 and $1,200	1,076.67	660.41
Charles, Vera K.	....do	1,080.00	.....
Fawcett, Edna H.	Assistant, at $960	960.00	.....
Haskins, Alice C.	....do	40.00	.....
McCullock, Lucia.	....do	184.00	.....
Thompson, Martha.	....do	464.00	.....
Goss, W. L.	Assistant, at $900 and $1,000	950.00	84.30
Fletcher, W. F.	Assistant, at $840	840.00	501.18
White, H. M.	....do	840.00	662.03
Snellings, C. B.	Assistant, at $750	750.00	.....
Graham, Grace.	Assistant, at $720	720.00	.....
Sirrine, Emma F.	Assistant, at $720 and $900	647.50	.....
Eckerson, Theo. H., jr.	Assistant, at $25 per month	132.50	.....
Goll, F. L.	Aid, at $1,000 and $1,200	1,100.00	.....
Quirk, Agnes.	....do	1,091.67	1.81
Ames, Adeline.	Aid, at $960	960.00	.....
Crosby, Mamie L.	Aid, at $840 and $1,000	881.10	.....
Leonard, L. T.	Aid, at $840	840.00	.....
Benton, Zoe.	Aid, at $720	720.00	.....
Bergner, Sophie J.	....do	720.00	.....
Tefft, Jennie A.	Aid, at $600	591.67	.....
Tiller, Ruby J.	Aid, at $50 per month	148.33	.....
Gooch, C. L.	Student assistant, at $25 per month, and gardener at $60 per month.	352.50	.....
Lower, Elsie E.	Student assistant, at $25 per month	225.00	.....
Rowen, J. D., jr.	Student assistant, at $25 per month, and gardener, at $60 per month.	352.50	.....
McLane, J. W.	Laboratory assistant, at $1,200	1,000.00	.....
Turner, M. L.	Laboratory helper, at $720	406.00	.....
Smith, Leroy M.	Helper, at $660	220.00	.....
Merick, Lovina S.	Laboratory aid, at $600	521.67	.....
Russ, Blanche.	Laboratory aid, at $50 per month	225.00	.....
Selfriz, Wm.	Apprentice, at $540	21.00	.....
Marsh, C. Dwight.	Expert, at $2,000	1,000.00	1,378.53
Eustace, H. J.	Expert, at $1,800	1,350.00	1,077.45
Oliver, G. W.	....do	450.00	630.56
Richtmann, W. O.	....do	1,050.00	264.99
Stewart, John B.	....do	950.00	1,264.56
Ragan, W. H.	Expert, at $1,600	1,600.00	56.88
Stockberger, W. W.	....do	1,600.00	501.19
Smith, W. W.	Expert, at $1,500	1,500.00	.....
McLennan, Robert.	Expert, at $1,200	1,200.00	46.35
Mann, Albert.	....do	1,123.33	229.65
Rabak, Frank.	....do	1,030.00	144.59
Glasson, E. J.	....do	400.00	417.70
Lamson-Scribner, F.	Special agent, at $2,500	2,499.99	.....
Rasmussen, Andrew.	Special agent, at $1,200	396.67	189.20
Cole, E. F.	Special agent, at $840	840.00	762.51
Rogers, Shober.	Special agent, at $2.75 and $3.25 per diem	690.21	.....
Lutman, B. F.	Agent, at $60 per month	22.00	5.40
Mead, De Voe.	Agent, at $50 per month	83.33	.....
Patten, Juliet C.	Artist, at $4 per diem	100.00	.....

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Froley, John W	Executive assistant, at $1,600	$316.67	
Cox, W. P	Clerk, at $1,400	233.33	
Meloy, Francis E	do	1,015.01	
Ferrall, John A	Clerk, at $1,200	96.67	
Greenbaum, L	do	36.67	
Romig, L. H	do	300.00	
Shaw, Harry B	Clerk, at $1,200, and assistant, at $1,400	184.99	
Gibson, W. A	Clerk, at $1,000	27.78	
Ballard, Clara E	Clerk, at $75 per month	115.00	
Davis, James H	Clerk, at $75 per month and $840	207.50	
Jones, J. Arthur	Clerk, at $75 per month	187.50	
McQuinn, Harry L	Clerk, at $900	375.00	
Stein, Lewis E	Clerk, at $75 per month	217.50	
Andrews, Bessie M	Clerk, at $840	149.33	
Dyre, Mildred P	do	350.00	
Fearing, H. Martin	Clerk, at $70 per month	336.00	
Gary, Kate F	Clerk, at $840	140.00	
Kolck, Rachel M	do	693.00	
Sweet, M. L	do	525.00	
Cranor, Mabel	Clerk, at $60, and clerk, at $75 per month	285.00	
Escavaille, C. L	Clerk, at $720	300.00	
Gates, E. P	Clerk at $60 per month	210.00	
Green, L. H	Clerk, at $720	356.00	
Howell, Herbert H	do	138.00	
Shear, W. V	Clerk, at $50 per month, and scientific assistant, at $1,000.	541.67	
Youngblood, F. E	Clerk, at $50 per month	23.33	
Hinton, Agnes	Clerk, at $40 per month	81.33	
Manning, H. F	do	65.33	
Barbour, A. H	Clerk, stenographer, and typewriter, at $75 per month.	55.00	
McQueen, Lillian	do	292.50	
Johnson, Christine W	Clerk, stenographer, and typewriter, at $60 per month.	184.00	
Laird, W. C	Clerk, stenographer, and typewriter, at $40 per month.	38.67	
Rea, Edward P	Stenographer, at $75 per month	52.50	
Wheeler, B. C	Mechanician, at $1,200	916.67	
Elsner, Elmar C	Carpenter, at $75 per month	155.00	
Bean, Somerville	Carpenter, at $3.50 per diem	399.00	
Gloss, Harry D	Carpenter, at $3.50 per diem and $80 per month	610.50	
Naylor, F. P	Carpenter, at $3.50 per diem	189.00	
Smith, Wm. A	do	101.50	
Richardson, Chas. L	do	63.00	
Poole, C. M	Carpenter, at $2.50 per diem	65.00	
Smith, A. J	Painter, at $3.50 per diem	35.00	
Wood, Henry S	do	308.00	
Augusterfer, R	Electric wireman, at $3.50 per diem	303.00	
Heron, L. M	Electrician, at $3 per diem	136.50	
Sands, J. K	Plumber, at $4 per diem	168.00	
Neilson, C. W. C	Cabinetmaker, at $3.50 per diem	283.50	
Murphy, J. J	Bricklayer, at $6 per diem	18.00	
Murphy, James	Bricklayer's helper, at $2.50 per diem	7.50	
Cottam, G. W	Gardner, at $900	150.00	
Dawson, J. P	do	287.50	
Quinn, James	Gardener, at $720	450.00	
Zoellner, H. G	do	720.00	
Lee, Thomas	Gardener, at $660	550.00	
Priest, A. C	Teamster, at $45 per month	225.00	
McChesney, Oscar S	Watchman, at $2 per diem	72.00	
Bryant, R. A	Skilled laborer, at $720	720.00	
Hammerly, J. M	do	262.00	$9.30
Hardenstein, F. P	Skilled laborer, at $600	191.67	
Kelly, J. W	Skilled laborer, at $50 per month	408.33	
Schultheis, W. H	Skilled laborer, at $2 per diem and $60 per month.	690.00	
Lee, Frank	Skilled laborer, at $1.75 per diem, and laborer, at $50 per month.	94.50	
Cookman, B. C	Laborer, at $60 per month	514.00	
Keese, S. L	Laborer, at $720 and $780	757.50	
Mills, W. H	Laborer, at $60 per month	30.00	

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Thompson, Harry	Laborer, at $720	$720.00	
Willis, W. E.	Laborer, at $60 per month	720.00	
Adams, Lola M.	Laborer, at $600	600.00	
Dawson, C. W.	Laborer, at $50 per month and $60 per month	613.33	
Dixon, W. D.	Laborer, at $50 per month	600.00	
Garrett, W. J.	do	101.67	
Hofman, K.	do	68.33	
Marcey, Calvin	do	600.00	
Snyder, Evva	do	600.00	
Walter, Olin A.	Laborer, at $50 per month and $600	630.00	
Allen, Tibbett	Laborer, at $45 per month	540.00	
Clinkett, Isaac	do	540.00	
Gray, L. L.	do	517.50	
Gordon, John C.	do	540.00	
Parker, J. T.	do	540.00	
Pinkett, J. P.	do	540.00	
Rountree, William A.	Laborer, at $45 per month and $55 per month	325.00	
Bias, T. J.	Laborer, at $480	474.67	
Hammill, Sarah H.	Laborer, at $40 per month	30.00	
Johnson, Thomas	Laborer, at $480 and $600	530.00	
Milstead, J. I.	Laborer, at $40 per month and $60 per month	670.00	
Brooke, J. S.	Laborer, at $30 per month	14.00	
Dameron, A. F.	Laborer, at $30 per month and $40 per month	430.00	
Clark, H. M.	Laborer, at $25 per month and $40 per month	420.00	
Jones, John W.	do	300.00	
Wallace, Annie F.	Laborer, at $30 per month and $40 per month	240.00	
Zoellner, Carl G.	Laborer, at $15 per month	97.50	
Swann, Sidney	Laborer, at $2 per diem	656.00	
Calwell, George	Laborer, at $1.75 per diem	541.18	
Copland, H. F.	Laborer, at $1.50 per diem	60.75	
Davis, Ira	do	461.25	
Douglas, M.	do	40.50	
Fitzhugh, W. H.	do	386.50	
Furr, Haswood	do	54.00	
Garrett, W. A.	do	24.75	
Hume, Edward	do	94.50	
Kendall, J. E.	do	79.50	
Lynn, T. H.	do	36.00	
Marcey, F. L.	do	279.00	
Marcey, T.	do	430.00	
Mitchell, John	do	12.75	
Montgomery, John P.	do	262.50	
Phillips, I. G.	do	67.50	
Piffer, Henry	do	12.00	
Studds, Wm.	do	486.00	
Sullivan, Wm.	Laborer, at $1.50 per diem and $40 per month	461.50	
Jones, Thomas	Laborer, at $1.50 per diem	454.50	
Goodloe, Lucille	Unskilled laborer, at $50 per month	286.34	
Hopkins, Elias	Unskilled laborer, at $2 per diem	140.00	
Pingley, W. A.	Unskilled laborer, at $2 per diem, and watchman, at $2 per diem	196.00	
Bissell, Benjamin	Unskilled laborer, at $1.50 per diem	37.50	
Bowman, Andrew	do	13.04	
Dozier, Wm.	do	22.50	
Gilliam, John	do	22.50	
Green, John M.	do	45.00	
Hayden, W. H.	do	20.44	
Henderson, Thomas	do	13.50	
Hohouser, Adolph	do	.75	
Hutchinson, Walter	do	45.00	
Inson, E. F.	do	17.44	
Jackson, W. J.	do	21.36	
Johnson, F.	do	25.79	
Johnson, Samuel	do	21.29	
King, James	do	15.00	
Lomaux, Alfred	do	22.50	
Lomaux, Geo.	do	22.50	
Murgant, Isaac	do	18.29	
Murray, Maurice	do	180.50	
Payne, H. S.	do	389.25	
Robinson, Cornelius	do	424.50	

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Robson, John	Unskilled laborer, at $1.50 per diem	$22.50	
Ross, Eugene	....do	22.50	
Sepsney, Wm	....do	17.91	
Taliferro, N	....do	13.50	
Tilley, Lonnie	....do	22.12	
Turner, L	....do	20.16	
Wood, Benj	....do	22.04	
Haws, Harry	Unskilled laborer, at $.50 per diem	15.50	
Haws, Raymond	....do	15.50	
Daniel, Evelyn W	Messenger, at $600	5.00	
Barber, E. E	Messenger boy, at $480	100.00	
Pierce, James F	....do	450.67	
Wahlgren, M. G	....do	392.00	
Sheehan, F. G	Messenger boy, at $360	224.00	
Skippon, C. D	Messenger boy, at $30 per month	270.00	
Baldwin, Ralph McC	Messenger boy, at $300	68.33	
Townsend, K. H	Messenger boy, at $25 per month	213.33	
Gelletly, Celia	Charwoman, at $540	540.00	
Garner, Sarah L	Charwoman, at $480	480.00	
Gibson, Annie E	....do	480.00	
Hebron, Ida	Charwoman, at $40 per month	480.00	
Jamieson, Annie	Charwoman, at $480	480.00	
Johnson, Maria	....do	480.00	
Smith, Marie C	....do	480.00	
Total		197,358.18	
Out of Washington.			
Smith, Erwin F	Pathologist, at $2,750	$1,375.00	
Von Schrenk, Hermann	Pathologist, at $2,500	2,500.00	$1,084.63
Dorsett, P. H	Pathologist, at $2,250	1,968.75	397.08
Bessey, Ernest A	Pathologist, at $1,800	1,720.00	1,772.83
Freeman, E. M	....do	900.00	
Scott, W. M	Assistant pathologist, at $2,000	166.66	1,270.95
Chilcott, E. C	Agriculturist, at $2,750	2,750.00	1,460.17
Scofield, C. S	Agriculturist, at $2,250	1,781.25	1,456.15
Jensen, Chas. A	Agriculturist, at $1,600	399.99	289.52
Hunter, Byron	Assistant agriculturist, at $1,400	1,400.00	870.81
Peck, Wm. A	Assistant agriculturist, at $1,000	750.00	1,016.71
Shamel, A. D	Physiologist, at $2,000	1,666.66	1,751.10
Green, Edward C	Pomologist, at $2,000	500.00	217.85
Garner, Wightman W	Scientific assistant, at $1,200	1,200.00	226.07
Hedgcock, Geo. G	....do	1,200.00	748.02
McClelland, C. K	....do	300.00	887.99
Miles, Geo. F	....do	700.00	1,450.70
Rorer, James Birch	Scientific assistant, at $1,200 and $1,600	900.00	883.12
Spaulding, Perley	Scientific assistant, at $1,200	1,200.00	509.56
Warren, Joseph	Scientific assistant, at $1,200, and special agent, at $1,200.	800.00	857.43
Blanchard, Henry F	Scientific assistant, at $1,000 and $1,200	1,100.00	250.06
Cates, J. S	Scientific assistant, at $1,000	250.00	926.92
Klugh, G. F	Scientific assistant, at $1,000, and assistant, at $1,200.	1,100.00	127.10
Leidigh, A. H	Scientific assistant, at $1,000 and at $1,200 and $1,400.	1,258.33	1,121.49
Mitchell, G. F	Scientific assistant, at $1,000	583.33	
Quinn, Clarence E	....do	833.33	1,150.52
Young, Thos. B	....do	583.33	
Fawcett, Geo. L	Scientific assistant, at $960	960.00	44.83
Schaefer, John E	....do	160.00	104.00
Cory, Victor L	Scientific assistant, at $840 and $1,000	900.01	378.90
Dodge, L. G	Scientific assistant, at $840 and $1,200	840.00	1,096.53
Eames, Laura L	Scientific assistant, at $720	440.00	
Hood, Samuel C	....do	360.00	
Cobb, N. A	Expert, at $3,000	2,116.67	
Kremers, Edward	Expert, at $200 per month, and collaborator, at $1 per month.	609.00	25.55
Scherffius, Wm. H	Expert, at $2,000	1,894.45	314.51
Stubenrauch, A. V	....do	2,000.01	1,222.76
Marsh, C. Dwight	Expert, at $1,600	800.00	

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Brewer, Vincent C.	Expert, at $1,500	$750.00	$302.93
Dennis, S. J.	Expert, at $125 per month and $1,800	1,741.67	1,017.87
Garman, Harrison	Special agent, at $120 per month	428.00	.....
Razall, Justin J.	Expert, at $100 per month	440.00	.....
Sturdevant, L. B.	....do	100.00	.....
Clawson, Arthur B.	Expert, at $75 per month	115.00	67.95
Reed, Joseph F.	Expert, at $900 and $1,200	1,037.50	540.39
Kennard, F. L.	Expert, at $60 per month	548.00	121.33
Duggar, John F.	Expert, at $25 per month	25.00	.....
Cobey, W. W.	Special field agent, at $1,800	1,800.00	1,079.76
Mooers, Chas. A.	Special agent and collaborator, at $800	800.00	17.79
Brown, D. E.	Special field agent, at $50 per month	600.00	.....
Shantz, H. L.	....do	50.00	93.79
Saylor, Charles F.	Special agent, at $225 per month	2,700.00	1,097.23
Mason, Silas C.	Special agent, at $125 per month and $2,000, and agriculturist, at $2,000.	1,170.84	54.25
Hare, R. Fred	Special agent, at $100 per month	400.00	.....
Ney, Henry E.	....do	600.00	13.10
Norgord, C. P.	Special agent, at $1,200	1,120.00	205.44
Payne, J. E.	Special agent, at $100 per month	900.00	313.86
Peterson, Wm. Arnold	Special agent, at $1,200	800.00	1,401.07
Straughn, M. N.	Special agent, at $100 per month	450.00	587.97
Keyser, Val.	Special agent, at $4 per diem	128.00	8.09
Tournier, A.	Special agent, at $4 per diem and $100 per month.	308.00	237.17
Duvel, August	Special agent, at $3 per diem	16.00	.....
Epps, G. Ollie	....do	12.00	.....
Galehouse, D. W.	....do	1.50	.....
Myers, Clyde H.	....do	189.00	.....
Oehler, John E.	....do	12.00	.....
Ayres, Thomas W.	Special agent, at $1,000	233.04	142.28
Ballard, W. S.	Special agent, at $1,000, and scientific assistant, at $1,200.	805.56	610.89
Clarke, Fred W.	Special agent, at $1,000	999.98	257.67
Allison, Fred G.	Special agent, at $900	152.50	120.63
Butler, O.	Special agent, at $75 per month	75.00	82.56
Carlyle, Alexander	....do	900.00	.....
Dodson, Joe B.	....do	300.00	.....
Thompson, Oscar A.	Special agent, at $900	900.00	42.67
Tull, John H.	Special agent, at $75 per month	300.00	862.14
Wester, P. J.	Special agent, at $900	900.00	440.08
Hechler, C. H.	Special agent, at $70 per month	630.00	.....
King, F. T.	Special agent, at $840	210.00	.....
Burr, W. W.	Special agent, at $90 per month and $90 per month.	720.00	120.56
Chilcott, Ellery F.	Special agent, at $90 per month	720.00	135.83
Colliver, A. D.	....do	350.00	.....
Davis, Clifford W.	....do	480.00	17.19
Drummond, Bruce	....do	180.00	9.95
Grace, Oliver J.	....do	180.00	48.78
Hazen, L. E.	....do	690.00	102.62
Hudson, E. W.	....do	120.00	.....
Marsh, Hadleigh	....do	94.00	89.23
Meadows, James O.	....do	600.00	509.28
Stone, A. L.	....do	720.00	.....
Wolf, Frank	....do	720.00	.....
Balz, Sylvester	Special agent, at $55 per month, at $60 per month, and $75 per month.	805.00	119.42
Alexander, Chas. L.	Special agent, at $50 per month	600.00	.....
Burnett, L. C.	....do	550.00	106.55
Churchill, Omar O.	....do	600.00	.....
Churchill, Virgil L.	....do	50.00	.....
Cotton, J. S.	Special agent, at $50 per month, and scientific assistant, at $1,500.	1,387.50	909.90
Doane, D. H.	Special agent, at $50 per month	115.00	251.89
Faurot, F. W.	....do	150.00	441.98
Heringa, E.	....do	106.67	221.40
Hoke, Charles A.	....do	41.67	46.59
Hoover, Chas. P.	....do	500.00	471.49
Iddings, E. J.	....do	108.33	320.80
Jones, J. W.	....do	50.00	.....

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Pomeroy, Carl Stone	Special agent, at $50 per month	$200.00	
Savage, E. M	Special agent, at $45 per month	106.50	
Easterbrook, Henry	Special agent, at $500 and $700	283.33	$61.70
Wilson, A. D	Special agent, at $400	400.00	120.95
Chestnut, Victor K	Special agent, at $30 per month	165.00	
Salmon, Cecil	Special agent, at $300	287.50	
Waldron, L. R	Special agent, at $25 per month	300.00	149.55
Bull, Coates P	Special agent, at $200	150.00	78.69
Sinclair, Wm	Special agent, at $15 per month	135.00	
Gay, Juanita	Special agent, at $10 per month	135.00	
Husmann, Fred L	Agent, at $125 per month	375.00	190.05
Thompson, H. C	Laboratory aid, at $1,020 and $720	270.83	245.48
Lucas, Wm. R	Gardener, at $60 per month	450.00	48.05
McCleary, W. B	Fence rider, at $25 per month	300.00	
Aldrich, Myron O	Collaborator, at $3 per diem	4.50	
Applegate, Elmer I	....do	3.00	
Barmore, Geo. F	....do	10.50	
Beebe, A. G	....do	6.00	
Clark, M. N	....do	4.50	
Clough, A. W	....do	3.00	
Coppoc, J. L	....do	6.00	
Demaree, F. H	....do	12.00	
Dennis, J. M	....do	1.50	
Easterly, K. G	....do	15.00	
Emmert, H. L	....do	10.50	
Enestvedt, E. G	....do	7.50	
Fox, George M	....do	3.00	
Freeman, G. A	....do	9.00	
Garner, C. E	....do	15.00	
Gilbert, Chas. B	....do	3.00	
Glover, J. Newton	....do	9.00	
Hartman, Simon B	....do	12.00	
Hildebrant, Jeff	....do	9.00	
Hyde, G. H	....do	24.00	
Irish, John P., jr	....do	24.00	
Jamison, John M	....do	6.75	
Jones, B. H	....do	9.00	
Jordan, S. M	....do	6.00	
Kelly, J. G	....do	4.50	
Kirkland, Geo. A	....do	9.79	
Larsen, L. D	....do	18.00	
McQuerrie, C. K	....do	6.00	
MacNair, H. C	....do	6.00	
Mathias, C. M	....do	10.00	
Meroney, J. N	....do	6.00	
Mertz, Otto	....do	7.50	
Miller, Herman	....do	6.00	
Moen, Ida J	....do	6.00	
Palmer, W. S	....do	1.50	
Rahm, J. Q. A	....do	3.00	
Roaldson, Gilbert	....do	3.00	
Salisbury, F. A	....do	3.75	
Shore, Nahum D	....do	9.00	
Smith, Henry B	....do	9.00	
Smith, J. P	....do	6.00	
Stout, W. H	....do	9.00	
Uhlhorn, Otto	....do	6.00	
Ware, Walter S	....do	12.00	
Whiteford, Henry C	....do	9.00	
Cole, John S	Collaborator, at $500 per annum	300.00	
Forbes, R. H	....do	500.00	
Gadsden, Elise H	Collaborator, at $25 per month	116.67	
Jones, Lewis R	....do	300.00	
Kelleman, Wm. A	....do	75.00	
Kimberly, A. Elliott	....do	75.00	
Richtman, W. C	....do	125.00	
Rumbold, Caroline T	....do	50.00	
Shaw, George W	....do	200.00	
Shepperd, John H	....do	300.00	
Stabler, Austin Le	Collaborator, at $500	200.00	
Wooton, Elmer O	Collaborator, at $25 per month	25.00	
Allen, R. S	Collaborator, at $250	188.67	

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Churchill, G. W	Collaborator, at $200	$200.00	
Harper, Joseph N	Collaborator, at $15 per month	180.00	$36.67
Rolfs, P. H	Collaborator, at $10 per month	120.00	
Rowlee, W. W	....do	30.00	75.67
Childers, L. F	Collaborator, at $5 per month	40.00	
Stuart, William	....do	60.00	
Fries, E. Miller	Collaborator, at $2 per month	24.00	
Beattie, R. Kent	Collaborator, at $1 per month	11.00	
Bolley, Henry L	....do	12.00	
Brown, Wm. M	....do	5.00	
Elling, O. H	....do	9.00	
Heald, Frederick D	....do	12.00	
Heller, Charles S	Collaborator, at $1 per month, and scientific assistant, at $50 per month.	46.00	102.30
Kern, Frank D	Collaborator, at $1 per month	3.00	
Lyon, T. L	....do	2.00	
Montgomery, E. G	....do	10.00	
Moore, R. A	Collaborator, at at $1 per month and $300	281.59	66.09
Norton, J. B. S	Collaborator, at $1 per month	7.00	
Paddock, Wendell	....do	12.00	
Pamel, L. H	....do	12.00	18.96
Park, A. V	....do	6.00	
Selby, A. D	....do	12.00	117.82
Sheldon, J. L	....do	12.00	
Snyder, Wm. P	....do	12.00	9.10
Stevens, F. L	....do	12.00	
Stone, George E	....do	12.00	
Whetzel, H. H	....do	12.00	
Wilcox, E. Mead	....do	12.00	
Willard, John T	....do	12.00	
Rondebush, Lowell	Collaborator, at 37½ cents per hour	1.50	
Taylor, Thomas C	Clerk, stenographer, and typewriter, at $1,080	1,080.00	
Morrison, George W	Clerk, stenographer, and typewriter, at $1,000	5.56	
Hudson, Agnes T	Clerk, stenographer, and typewriter, at $840	525.00	
Roberts, Harry	Clerk, at $720 and $840	570.00	
Worthen, G. C	Clerk, at $660	165.00	6.55
Jones, K. D	Stenographer and typewriter, at $50 per month	50.00	
Pershing, Harry	Laborer, at $50 per month, at $15 per month, and $60 per month.	475.00	
Zumwalt, Frank	Laborer, at $50 per month	362.08	
Avery, Lloyd E	Laborer, at $35 per month	90.42	
Ewing, E. C	Laborer, at $25 per month	212.50	
Dagwell, Robt	Laborer, at $30 per month	209.33	
Hall, W. J	Laborer at $2.50 per diem	22.50	
Gray, Paul	Unskilled laborer, at $60 per month	258.00	
Chapman, A. H	Unskilled laborer, at $50 per month	50.00	
Hess, Geo. W	....do	9.16	
Middleton, J. W	....do	100.00	
Bond, W. H	Unskilled laborer, at $15 per month	135.00	
Reed, L. L	....do	157.50	
Sarvis, J. T	....do	135.00	
Scott, John T	....do	540.00	
Strathman, C. H	Unskilled laborer, at $40 per month	72.00	
Bryant, Ernest	Unskilled laborer, at $35 per month	420.00	
Post, Arthur	....do	16.33	
Ellis, Frank H	Unskilled laborer, at $30 per month	40.00	46.70
Summers, J. C	Unskilled laborer, at $25 per month	50.00	
Ullrich, Fritz	....do	50.00	
Clark, Wilmer R	Unskilled laborer, at $15 per month	15.00	
Toler, John I	Unskilled laborer, at $2.50 per diem	62.50	
Wood, James A	....do	35.00	
McCord, John N	Unskilled laborer, at $2.25 per diem	52.88	
Sweeny, A. C	Unskilled laborer, at $2.25 per diem and $2.50 per diem.	425.16	
Marshall, Chas	Unskilled laborer, at $1.50 per diem	196.50	
Sampson, R. J	....do	100.50	
Small, D. C	....do	51.37	
Zumwalt, James M	Unskilled laborer, at $1.25 per diem	76.88	
Doyle, Lester	Unskilled laborer, at $1 per diem	11.50	
Total		89,263.34	

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491.706.28."

Name.	Amount.
Stationery.	
American Writing Paper Co.	$412.90
Andrews Paper Co., R. P.	1,060.32
Andrus & Church	20.27
Ballantyne, R. Carter	35.79
Ballantyne & Sons, Wm.	26.75
Brentanos, Inc.	13.25
Buxton & Skinner Stationery Co.	16.50
Clason Map Co.	1.00
Contingent expenses, Department of Agriculture	1,951.39
Davison & Co., H. C.	179.09
Dietzgen Co., Eugene	1.51
District of Columbia Paper Manufacturing Co.	76.05
Draper Manufacturing Co.	1.05
Globe-Wernicke Co.	2.25
Index Bureau	12.40
Lamb & Tilden	12.55
Library Bureau	383.90
Lincoln, Fred S.	136.32
Lindenmeyr, Philip	12.80
Lindenmeyr & Sons, Henry	9.38
Moore Corporation, John C.	15.00
Morrison Paper Co., E.	259.87
Multum in Parvo Binder's Co.	2.40
Parker, D. Frank	180.60
Pen Carbon Manifold Co.	18.75
Schmidt, Fred A.	159.26
Sharp & Sons, F.	14.70
Smith Typewriter Co., L. C., & Bros.	2.25
Smith Printing Co., Robert	21.67
Stockett-Fiske Co.	1.90
Stone Press Copying Bath Co.	6.00
Stott & Co., Chas. G.	23.75
Swayze, Bailey & Co.	13.30
Swayze, W. L.	271.49
Typewriter and Office Supply Co.	19.75
Underwood Typewriter Co.	2.40
Union Envelope Co.	45.50
United States Envelope Co.	534.35
Vye, J. A.	2.75
Yawman & Erbe Manufacturing Co.	71.06
Total	6,032.22
Miscellaneous supplies, etc.	
Advance Company	116.90
Albany Steam Trap Co.	40.00
Alexandria Iron Works	3.12
Allamanna Svenska Utrades aktiebolaget	150.00
Allegheny Company	5.25
Allen, S. L. & Co.	3.45
Allen Manufacturing Co., W. D.	26.58
Amarillo Hardware Co.	139.90
Amarillo Sash and Door Co.	14.00
American Can Co.	42.00
American Gas Furnace Co.	12.00
American Tool and Machine Co.	100.00
American Wood Working Machinery Co.	56.80
Amory, Browne & Co.	28.90
Anchor Lamp Co.	10.22
Anderson, J. D.	9.42
Armour & Co.	18.51
Armour Packing Co. (Limited)	2.91
Asher, J. L.	5.00
Atlas School Supply Co.	1.56
Auchter, W. D.	15.00
Bailey-Lebby Co.	68.12
Baist, G. Wm.	15.00
Baker & Co. (Incorporated)	3.16
Baldwin, Willie	8.25
Ballantyne & Son, Wm.	6.50

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Barber & Ross	$67.27
Barker, Geo. M.	3.00
Barker, J. W.	2.50
Barker & Kelly	1.65
Barnard, H. I.	18.50
Barry, Lawrence	41.86
Bartholomew, E.	12.00
Bartlett, W. H.	9.00
Bates, G. M.	1.00
Bates, Jas. G.	1.55
Neal, W. J.	5.00
Bean Spray Pump Co.	6.87
Beavers, John M.	10.00
Becker, C.	22.75
Becker & Co., Charles	143.87
Bell, James C.	200.00
Bensinger & Co., S.	12.00
Benton County Hardware Co.	130.32
Bergen, Thos. D.	122.85
Bernasco, J.	99.20
Berney Co., E. S.	9.75
Betz, Ernest	16.40
Bischoff, H. W.	18.00
Bishop & Co., J.	3.50
Bissing, Justus	1.25
Blatherwick, E. G.	5.00
Blees-Moore Instrument Co.	6.25
Blitch Co., N. H.	4.38
Blue Grass Phosphate Co.	2.00
Bobbink & Atkins	27.00
Boehner & Co., L.	30.66
Bolgiano & Co., F. W.	443.93
Borden, A. P.	123.59
Boss, Andrew	133.44
Boyle & Co. (Incorporated), John	4.00
Brennan Construction Co.	71.87
Brentanos (Incorporated)	1.62
Brewer, Norman S.	407.46
Brian, J. M., 3d	45.00
Brickell, M.	22.25
Brooks Bros.	4.45
Brooks Co., E. F.	6.00
Brotherton, W. A.	4.00
Brown, Alex	52.50
Brown, J. I.	5.00
Brown, Martha A.	2.84
Brown & Sharpe Manufacturing Co.	15.78
Bruce Co., John A.	14.80
Brunskill, R. W.	3.00
Bryant Fertilizer Co.	22.00
Buck, F. M.	29.75
Budge, Frank T.	101.56
Buffalo Forge Co.	49.00
Burchell Bros.	49.78
Burks, W. A.	12.00
Burnett, Robt. A.	15.00
Burpee & Co., W. Atlee	1.30
Burton & Son, R. C. M.	14.50
Bush, B. F.	4.00
Butler Co., W. H.	4.00
Cady, M. S.	206.05
Calhoun, H. O.	175.00
California Fruit Co.	3.50
Cameron & Barkley Co.	39.38
Candler, Geo. V.	.30
Canfield, F. J.	59.04
Capital Paper Box Co.	53.53
Capital Traction Co.	45.00
Card Manufacturing Co., S. W.	14.03
Carey Machinery and Supply Co.	49.82
Carl, Frederick	51.95
Carolina Portland Cement Co.	58.50
Carter & Warner	73.21
Cary Spring Works	3.75
Cathcart, E. W.	15.84

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Catlin Co., Elmer H	$24.60
Challenge Company	34.50
Chase, Carl F	12.50
Chicago House Wrecking Co	28.90
Chico Nursery Co	45.50
Church, M. E	11.00
Church & Stephenson	3,176.13
Cissell, Co. (Incorporated), G. W	2.50
Clark, T. Edward	1.00
Clay, Robinson & Co	245.00
Clements, Frederic E	24.72
Clipper Lawn Mower Co	11.00
Cloyd, W. B	59.60
Coe Brass Manufacturing Co	11.06
Coe Mortimer Co., The	17.00
Coffeyville Implement and Manufacturing Co	10.00
Colburn Bros	148.50
Collins Manufacturing Co., A. M	118.63
Colliver, A. D	60.00
Colorado Tent and Awning Co	12.34
Columbia National Sand Dredging Co	26.90
Columbia Oil Co	65.45
Columbia Laboratories, School of Baking and Milling Technology	100.00
Combahee Fertilizer Co	39.50
Condon, Daniel D	1.20
Consumer's Mutual Supply Co	53.60
Cooke, F. R	9.75
Cooley, D. P	289.97
Copeland Co., M. G	64.50
Corbett, George E	5.87
Corley, W. A	6.00
Cottingham, E	378.19
Cotton, James S	148.46
Cummins & Cratty	460.40
Cunningham Manufacturing Co	6.75
Cunningham, T. M	39.25
Cutaway Hardware Co	19.00
Cutler Electrical and Manufacturing Co	15.80
Cyphers Incubator Co	14.25
Daly, Wm. W	3.40
Daly & Hopper	4.25
Danzenbaker, O. A	2.60
Darlington Lumber Co., E. R	19.38
Davenport Co	18.00
Daw & Co., Wm	74.15
Dayton Fruit Tree Label Co	12.00
Dearborn & Warfield	17.25
DeMund, A. L	162.24
Dennison Manufacturing Co	22.90
Denny Co., Walter L	36.23
Densmore Typewriter Co	1.50
Denton, Flossie	2.78
Deur, C. H	42.00
Dewitt Wire Cloth Co	4.95
Dick Co., A. B	35.00
Dickinson Co., The Albert	8.30
Dickinson Heating and Plumbing Co	5.00
Diller, Caskey & Keen	109.60
Donaldson, E. G	7.00
Doremus Machine Co	35.00
Drake, F. B	76.88
Dreer, (Incorporated). Henry A	43.41
Drew Co., H. & W. B	6.50
Driver-Harris Wire Co	14.85
Dulin & Martin Co	18.51
Duncanson, J. A	49.92
Dunford, J. W	217.51
Dunham, Wm. L	.50
Dunmire, J. M	9.70
DuPerow, M	229.69
Dyer, Wm. H	27.00
Eberly's Sons, A	11.25
Edis, L. W	36.50

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Edge & Co., A. P	$46.52
Edmonston, Chas. R	72.50
Ehemann, H. W	30.00
Elliott & Co., James	72.30
Englehardt, F. C	96.10
Ennis & Son, George T	55.27
Ergood & Co., J. C	6.47
Erie Preserving Co	9.65
Espey, John B	133.18
Estler & Son, T. W	37.98
Eureka Flint and Spar Co	183.30
Eytel, Carl	5.00
Fairbanks Co	23.27
Fairbanks, Morse & Co	250.00
Falls Church Telephone and Telegraph Co	7.50
Farquhar Co. (Limited), A. B	121.00
Farquhar & Co., R. & J	4.50
Farrell, George L	2.50
Ferguson, J. B	110.47
Ferrell & Co., A. F	16.00
Ferry & Co., D. M	5.21
Fisher, Gustav	4.25
Florida East Coast Ice Co	50.47
Florida Tobacco Co	940.50
Ford, I	79.75
Forker & Co., C. A	7.70
Fort Dallas Land Co	60.00
Franklin Laundry	36.40
Frederick Lime and Stone Co	85.00
Friedlander & Sohn, R	80.27
Friend Manufacturing Co	3.36
Fries, Beall & Sharp Co	5.00
Fritch & Son, Geo. T	17.80
Fritzsche Bros	.60
Funk Bros. Seed Co	36.50
Gaarddahl, Christen	7.50
Gaertner & Co., Wm	53.26
Gardner, F. D	15.00
Garrett, A. O	10.00
Germuiller, J. P	7.00
Gibson, James A	44.60
Gichner, Fred S	66.40
Gillett, Edw	7.50
Gipple, H. W	90.33
Golding Sons Co	4.64
Good, James	33.11
Gordon, Van Tine & Co	53.34
Grain Dealers Co	6.75
Grambs, A. B	5.72
Grand, J. L	8.00
Granger, Lester	69.26
Gravatt, C. U	50.00
Gray Herbarium of Harvard University	4.00
Gregory & Son, Jas. J. H	8.00
Griffin, Theodore	7.30
Griffith, D. J	22.50
Guggenhime & Co	1.00
Guseman, John W	50.00
Hackman, A. D	25.25
Hall, W. D	75.00
Halladay, Edmund	43.86
Haller Wall Paper Co	9.50
Haloid Co	40.00
Halsey, Palmer W	8.00
Ham, Frank	6.40
Hammond Typewriter Co	94.05
Hare, Lou G	7.50
Harrington & King Per. Co	6.95
Harris & Schaefer Co	8.88
Harrison & Sons, J. G	18.75
Harrison, Orlando	5.00
Hartig, Louis	69.76
Hasbrook-Bargar Co	1.60
Hastings & Co., H. G	5.40
Hazleton E. P	63.90
Heaton Lumber Co., Geo	7.40

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Heiskell, jr., & Co., P. H	$167.17
Heitmuller & Helder	4.00
Henderson & Co., Peter	16.85
Henderson, W. H	7.50
Hershey Machine and Foundry Co	7.80
Herzog, P. H	142.00
Heurich Brewing Co., Chr	28.50
Heusinger Hardware Co	19.20
Hickerson, H. C	26.50
Hicks, E. E	7.00
Higley, Co., E. B	29.10
Hillig, Frank	13.20
Hinde & Dausch Paper Co., The	5.00
Hiser, Daniel	341.94
Hitchings, Grant G	50.00
Hockman, W. A	10.50
Hodges, John G	1.50
Hoffman, C. W	15.00
Hoffman, F. C	5.00
Hoge & McDowell Co., Ind	396.00
Hogue, R	6.00
Holliday & Thomas	349.13
Holm, Theo	21.60
Holmes & Co., Wm. E	36.00
Holtzer-Cabot Electric Co	57.08
Homes Ice Co	278.67
Hooker Co., H. M	665.00
Houck, S. D	14.75
Hughes, Alice	45.00
Hugo Grain Co	30.58
Huntington Mills and Cooperage	16.33
Hunziker, O. F	.60
Hurley, J. E	22.80
Hutterly, A. O	38.00
Hydraulic Press Brick Co	116.00
Hygienic Soap Gran. Co	4.80
Ikeda, T	25.21
Improved Mailing Case Co	3.08
Indian Head Plantations (Incorporated)	486.54
International Harvester Co. of America	38.00
Irish, H. C	25.45
Jackson, W. B	5.63
James Bro	19.75
Jenkins, Chas. S	102.00
Jenks, W. S	19.78
Johnson, Joe M	194.54
Jones & Laughlin Steel Co	20.46
Journal of Mycology	4.00
Joyce Engraving Co., Maurice	16.00
Junk, W	8.75
Kahlbaum, C. A. E	4.06
Kaldenberg's Sons, F W	6.00
Kann Sons & Co., S	12.38
Kappler, Eugene	7.81
Katzenstein & Co., Otto	12.70
Keasbey & Mattison Co	31.81
Keenan, R. C	320.91
Keese, M. B	15.25
Keller Sons, J. B	1.50
Kellogg Switchboard and Supply Co	54.25
Kelsey, Harlan P	29.75
Kendall, J. B	23.30
Kennedy, P. B	14.00
Kent Co., I. H	276.12
Keppel, J. J	10.00
Kerley, Richard	15.71
Kessler & Bro., C. S	4.00
Kilburn & Co	176.79
Killian Co., Geo. P	128.84
Kimball, H. M	6.00
King, J. D	1.00
King & Sons, John K	3.04
King, W. L	21.12
Kling Hardware Co	3.25
Kneesi's Sons, K	29.00

Name.	Amount
Miscelleanous supplies, etc.—Cont'd.	
Knight & Co., W. P	$28.88
Knott & Mohler	7.15
Kohlbusch, Herman, sr	1.13
Koller, Fritz	1.50
Krafft, Wm	5.15
Kremer, Geo. W	21.00
Kunkel & Sons, Martin	6.70
Kutch & Son, S. B	8.00
Lamb Wire Fence Co	15.00
Lamb & Tilden	18.51
Lambie Co. (Incorporated), Jas. B	392.35
La Mesa Packing Co	35.10
Lamore, B. M	13.50
Lane, Thos. J	400.39
Lansburg & Bro	1.13
Lautenschlager & Co	37.25
Lazenberry & Co., Chas. E	68.20
Leeds & Northrup Co	2.35
Lemcke & Buechner	7.00
Lennon, G. W	6.00
Lentz & Sons, Chas	28.10
Leonard Seed Co	5.00
Leverett, E. V	4.25
Lespinasse, A. J	2.09
Lewis, E. J	1.60
Libbey & Co., Frank	23.65
Lindsay Rubber Manufacturing Co., M	25.65
Lish, Frank	11.75
Lisner, A	11.40
Littlefield, Alvord & Co	4.90
Livingston Seed Co	1.00
Lofton, W. A	12.83
Lord & Burnham	477.57
Los Angeles Ice and Cold Storage Co	814.79
Lowdermilk, W. H	9.75
Lupton, S. L	97.50
Lutts & Son, Henry	37.50
Lutz & Co	1.75
McCabe, John L	275.00
McCown, J. W	5.20
McCrimmon Lumber Co	60.20
McCubbin Co., C. J	24.68
McDonald Co., J. A	108.41
McIntyre Cement Co	75.00
McKee Co., A. J	2.00
McMurray, A. W	5.00
McNamara, Martin	200.00
McNew, Sherman	11.20
Maag Co., The August	56.75
Machinery and Electric Co	19.50
Maclean, J. S	55.25
Maher & Grosh Cutlery Co	8.65
Makepeace & Co., A. D	6.00
Malone, M. R	30.00
Malony & Carter	42.44
Manhattan Electrical Supply Co	23.75
Maschauer, Geo. W	12.00
Matheson Lumber and Hardware Co	44.84
Mathy Company	19.25
May & Co., F. P	1.15
May & Son, W. H	132.07
Meehan & Sons (Incorporated), Thos	11.20
Merrick, Ernest M	.75
Miami Automobile Co	5.05
Michelson, George	65.00
Middlebrook & Sons, J. O	10.00
Midget Novelty Co	6.75
Miller, Dubrul & Peters Manufacturing Co	3.60
Miller, H. H	14.00
Miller, H. P	8.80
Miller, J. M	72.75
Millhiser Bag Co	202.13
Mineralized Rubber Co	117.50
Minnix Co. (Incorporated), N. M	5.00
Mitchell, A	12.50

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Miscellaneous supplies, etc.*—Cont'd.	
Mitchell, Byron	$75.00	Randolph Paper Box Co	$151.42
Modern Mexico	4.00	Rapid Computer Co	25.00
Monarch Typewriter Co	243.40	Rau, John C	100.47
Montgomery & Co	13.23	Read, G. P	1.86
Montgomery, John R	10.90	Rehm, H	10.00
Moon Co., Wm. H	60.50	Reid, James L	4.50
Moore Co	309.25	Reilly, Hugh	195.95
Moore Corporation, J. C	15.00	Remington Manufacturing Co	34.80
Morris, E. L	144.00	Remington Typewriter Co	514.90
Morse & Co., C. C	17.50	Renz & Ludwig	27.65
Morsell's Hardware Store	20.00	Rice Co., Jas. H	294.00
Muddiman & Co., C. A	15.50	Richard, J	23.05
Mueller Manufacturing Co., H	16.61	Riley, Thos. R	3.00
Mullin, Edward	5.00	Roach Drug Co., E. R	6.75
Munn & Son, H. L	29.15	Robinson, C. L	7.70
Munson, D. O	2.75	Rogers, Shober	68.75
Munson Supply Co	10.50	Rogers, Wm	4.00
Murphy, J. J	119.00	Rounthwaite, George	8.00
Murray, B. P	6.00	Rudolph & West Co	922.14
Murray Engineering Co	17.20	Sadler, Geo. W	46.50
Muth & Co., Geo. F	469.55	Saibara, K	300.00
Mutual District Messenger Co	10.00	Saks & Co	8.94
Nager, Geo	12.50	Sanguenetti, E. F	100.90
Nagle Engine and Boiler Works	359.00	San Monte Fruit Co	69.95
National Electrical Supply Co	281.95	Sauter & Sons, Wm	8.25
National Ice and Cold Storage Co	304.45	Sawyer, Rufus H	57.50
National Mortar Co	220.82	Scarlett & Co., Wm. G	35.84
National Orange Co	245.00	Schafer & Co., E. G	362.43
National Pitless Scale Co	54.50	Schmid, Edw. S	384.24
Navy Department	74.14	Schondan & Lynch	15.25
Nawrath, J. P	34.41	Schott & Gen	5.40
New York Storage Co	49.88	Schultz, G. Edw	9.05
Niagara Radiator Co	21.27	Scientific Shop	15.00
Niagara Sprayer Co	25.00	Seabury & Johnson	15.00
Nicholson & Son, J. A	15.00	Seamark, Harry F	6.30
North Platte Lumber Co	12.00	Seaver, Fred J	2.00
Northrup, King & Co	19.20	Seffel & Son, Stephen	3.40
Oden, J. N	27.50	Senour & Langley	38.40
O'Donnell, James	9.00	Sharp & Sons, F	29.70
O'Donnell, W. J	8.12	Sheaffer, N. O	16.00
Offutt, G. W	6.75	Shedd & Bro., S. S	5.45
Ohio Pump and Brass Co	40.00	Shenandoah Nurseries	10.00
O'Konite Company (Limited)	92.89	Shepard, Charles U	6.00
Olds & Whipple	81.92	Shepperd, J. H	133.44
O'Leary, Lucy A	20.00	Shore, Chas	7.25
Oliver Machinery Co	18.60	Shorthand Writer	3.00
Oliver Typewriter Co	6.38	Simplex Electric Heating Co	12.90
Onings, George	37.19	Sinclain, Alex	6.00
Osborn, C. R	3.00	Small, John K	3.00
Page & Hill Co	8.80	Smith, Elizabeth	3.25
Palmer, Edward	49.99	Smith, H. A	10.00
Pasadena Ice Co	374.07	Smith, H. C	37.25
Patent Fin Hot Water Heating Co	19.50	Smith & Bro. Typewriter Co., L. C	166.60
Patten, Juliet Craik	28.00	Smith Premier Typewriter Co	99.70
Paxton, Geo. C	138.25	Smith Printing Co., Robt	8.34
Peerless Rubber Machine Co	18.00	Smith, Thos. W	64.40
Pennington, L. H	15.00	Smith Co., W. & T	12.00
Perrine & Sons, G. H	14.60	Smith, W. W	10.00
Perry, C. H	65.00	Soar Brothers	302.54
Peters & Co. (Incorporated), A. J	7.80	Somerville Co., Thos	1,601.75
Phillips, Harriett	10.00	Soules & Butler	5.94
Phoenix Nursery Co	5.62	Staacke Bros	55.00
Piece & Co., C. C	12.40	Standard Oil Co	91.45
Pierson, E. W	2.00	Stannard, Ambroze B	55.54
Pool, Joseph F	100.00	Stark Bros. Nursery and Orchard Co	200.34
Porter, Albert B	3.63	Stayner, G. E	12.10
Postmaster, Washington, D. C	27.00	Stearns Lumber Co., A. T	336.64
Potomac Brick Co	9.00	Stechert & Co., G. E	48.60
Potomac Electric Power Co	1,077.12	Steckler Seed Co. (Limited), J	8.25
Potomac Terra Cotta Co	13.00	Sternberg Manufacturing Co	4.00
Powell, George T	40.00	Stewart & Co	607.71
Power, W. E	31.50	Stoelting Co., C. H	4.80
Pratt & Whitney Co	311.25	Stover Engine Works	2.80
Prendergast Lumber and Coal Co	5.97	Strang, H. L	14.73
Punnett Bros	10.00	Strausburger, Jos	5.00
Putnam, Luther	50.00	Stringfellow-Hume Hardware Co	18.00
Ragan, Thos	148.00	Strohecker & McDermid	28.98
Rand-McNally Co	2.55	Sullivan, John	35.00

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
Sutton & Sons	$38.43
Swan, E. D.	50.00
Sweet, Asa	6.00
Swesey, A. C.	839.25
Syracuse Chilled Plow Co.	36.24
Taber, G. L.	140.00
Takahaski Katski	107.89
Tavener, Cloyd	5.00
Taylor, W. C.	63.00
Temple, Wm. G.	3.50
Thompson, L. L.	23.65
Thompson Mercantile Co., W. F.	13.90
Thorburn & Co., J. M.	5.45
Timmerberg, John C.	17.50
Toler, J. I.	108.75
Tolman, Ruel Pardee	35.90
Tolman Laundry	11.23
Tonopah Lumber Co.	73.40
Topham, James S.	99.00
Topper, I.	23.00
Trail, E. B.	2.00
Trundle, E. H.	9.00
Turton, J. Edward	29.50
Typewriter Office Supply Co.	101.25
Ulbrich Seed Corn Tester Co.	6.00
Underwood, L. M.	23.66
Underwood Typewriter Co.	799.53
Union Boiler Co.	23.00
U. S. Mailing Case Co.	76.44
Universal Adding Machine Co.	1.75
University of Chicago Press	4.50
—— Sugar Co.	87.97
Van Deman, Ruth	5.00
Van Loan, Maguire & Gaffney	.65
Vilmorin-Andrieux Co.	7.45
Wade, G. Taylor	45.00
Waite-Ballie & Co.	54.50
Walford, D. N.	7.15
Walker, J. B.	90.00
Walker Sons, J. T.	11.20
Walker Brick Co., W. T.	12.60
Walker, W. Irving	15.00
Wallace Barnes Co., The	1.50
Ward, A. J.	21.25
Ward & Sons, Edgar T.	30.40
Ward-Leonard Electric Co.	12.97
Warden, Henry	30.00
Ware Bros. Co.	19.80
Warner, L.	48.00
Washington Hydraulic Press Brick Co.	36.00
Washington Market Co.	113.75
Washington Railway and Electric Co.	15.00
Washington Wood Working Co.	14.98
Waters & Son, J. G.	17.60
Waters & Son, S. D.	58.50
Watson, J. W.	15.95
Weaver, W. T. & F. B.	1.50
Weber, Geo. P.	6.00
Weeber & Son	1.00
Weigel, Oswald	30.47
Welch, E. S.	7.25
Welch, H. G.	27.00
Wesley & Son, Wm.	29.22
Whipple, Chas. H.	17.48
White, Fred J.	68.80
White, H. J.	10.00
White, J. St. Clair	55.00
White & Co., Jno. A.	136.00
White, O. C.	17.60
White & Kirk	22.20
Whitworth, R. B.	37.50
Whyte, Warren M.	61.75
Widney, Jay	5.00
Willett Seed Co., N. L.	3.75
Williams, Brown & Earle	.75
Williams, T. S.	15.00
Williams, Warren W.	74.91
Miscellaneous supplies, etc.—Cont'd.	
Wilson Saddlery Co., J. H.	$45.25
Winfield, A. A.	60.00
Wittman, L. Oscar	25.00
Wood, Jas. A.	72.80
Wood & Sons, T. W.	17.50
Wood Mowing and Reaping Co., Walter A.	100.00
Woodman, W. W.	50.00
Woodward & Lothrop	68.55
Woolf & Co., C. M.	263.65
Workman, Derryberry & Fulk	12.00
Worst, J. H.	33.00
Wright, M. B.	98.36
Wyne & Co., J. R.	4.20
Young, John P.	78.75
Young, Thomas	3.45
Yuma Electric and Water Co.	12.00
Zichtl & Co., A.	38.00
Total	44,393.01
Furniture.	
Clark, Davenport & Co.	14.35
Havemann, F.	24.00
Hoeke, W. H.	367.26
Lansburgh Furniture and Carpet Co., J.	493.06
Library Bureau	147.25
Lincoln, Fred S.	772.11
Lundstrom Manufacturing Co., C. J.	13.00
Moses & Sons, W. B.	445.79
Peninsular Manufacturing Co.	4.20
Riley, F. M.	42.50
Schoedniger, Fearn & Co.	13.50
Smith-Premier Typewriter Co.	4.50
Woodruff Manufacturing Co.	555.83
Woodward & Lothrop	470.53
Yawman & Erbe Manufacturing Co.	1,532.10
Total	4,899.98
Fuel.	
Adams Co., C. L.	48.75
Allegheny Company	363.49
Berry-Bergs Coal Co.	88.94
Beury-Davis Coal Co.	11.70
Hyattsville Grain and Coal Co.	45.00
Irish, H. C.	30.47
Murphy, Robert	5.12
Polar Wave Ice and Fuel Co.	7.60
Trelease, Wm.	44.08
Zeh Co. (Incorporated), Wm. J.	21.00
Total	668.15
Freight.	
Atchison, Topeka and Santa Fe R. R. Co.	35.20
Atlantic Coast Line R. R. Co.	14.85
Baltimore and Ohio R. R. Co.	58.37
Blue Line Transfer Co.	4.65
Buffalo Cold Storage Co.	28.89
Chicago, Burlington and Quincy R. R. Co.	.33
Chicago, Milwaukee and St. Paul R. R. Co.	3.09
Chicago and Northwestern R. R. Co.	2.79
Clute, Alva B.	5.89
Coe, Mortimer Co.	4.04
Fort Worth and Denver City R. R. Co.	4.33
Knox Express Co., Geo. W.	3.02
Littlefield, Alvoid & Co.	152.40
Lupton, S. L.	21.83
McGregor, Wm. B.	12.00

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

Name.	Amount.
Freight—Continued.	
National Orange Co	$14.28
Norfolk and Washington Steamboat Co	1.08
Northern Pacific Rwy. Co	2.68
Pennsylvania R. R. Co	108.05
Riverside Heights Orange Growers' Association	10.98
Roosa, I. P	90.56
St. Louis and San Francisco R. R. Co.	10.27
Transit Express Co	11.00
Union Pacific R. R. Co	7.07
Washington-Southern R. R. Co	9.20
Total	617.41
Express.	
Adams Express Co	1,722.00
Ford, I	15.13
Pacific Express Co	5.00
Pasadena Ice Co	1.75
United States Express Co	404.97
Wells, Fargo & Co	239.68
Total	2,388.53
Telegraph.	
Postal Telegraph Cable Co	54.72
Western Union Telegraph Co	480.33
Total	535.05
Telephone.	
Bell Telephone Co. of Missouri	124.80
Chesapeake and Potomac Telephone Co	128.08
Falls Church Telegraph and Telephone Co	70.80
Miami Telephone Co	23.00
Total	346.68
Rent.	
Barker, Amanda V	420.00
Beavers, John M	1,500.00
Brickell, Mary	60.00
Brisco, Martha J	420.00
Brown, Amanda E	495.00
Brown, Walter A	600.00
Deeble, W. Riley (estate)	3,000.00
Dierkoph, Geo. H. and Helen	80.00
Easterling, L. R	50.00
Friedrichs, A. H	420.00
Gardner, Eliza	420.00
Hazel, W. E	70.00
Hight, C. B., and Thos. H. Pickford	40.00
Hoenebs, C. B	45.00
Keller, Isadore	396.00
Knott, J. C	13.40
Landsdale, H. V	360.00
Simpson, Charles T	420.00
Tyler & Rutherford (Incorporated)	3,000.00
Total	11,809.40
Gas and electricity.	
Laclede Gaslight Co	28.47
Potomac Electric Power Co	2,376.78
Union Electric Light and Power Co	30.53
Washington Gas Light Co	574.30
Total	3,010.08

Name.	Amount.
Apparatus, instruments, and laboratory material.	
Allen, Henry	$3.40
Altmann, Paul	386.92
American Distributing Co	82.61
Armour Fertilizer Works	40.34
Armour & Co	34.50
Army Cycle Manufacturing Co	11.00
Bausch & Lomb Optical Co	1,313.60
Betz Co., Frank S	6.51
Biddle, James G	31.50
Birch, Chas. D	13.75
Bishop & Co., J	193.62
Boericke & Tafel, (Incorporated)	1.00
Bolgiano & Co., F. W	127.20
Braum Co., F. W	32.76
Braun Sons & Co., H	3.30
Brereton, C. E	24.92
Buch, F. M	51.75
Burch & Kleps	2.00
Burns & Sons, Jabez	535.00
Cambridge Botanical Supply Co	3.60
Carl, Frederick	1.75
Cassella & Co	5.63
Chatillon & Sons, John	5.46
Claflin Optical Co	5.00
Columbia Photo Supply Co	293.20
Combahee Fertilizer Co	30.50
Crosby Setam Gauge and Valve Co	50.00
Davis Bridaham Drug Co	14.50
Deckebach Sons Co., F. C	375.00
Draper Manufacturing Co	41.67
Dunham, Wm. L	23.80
Eastman Kodak Co	76.05
Elmer & Amend	409.20
Erker Bros. Optical Co	195.00
Evans, Henry	6.00
Fairbanks Co., The	86.72
Farquhar & Co., R. J	28.75
Fassett, C. M	16.50
Feast & Co., H. D	164.72
Folmer & Schwing Co	31.10
Fox, C. S	2.75
Franklin & Co	3.00
French Co., L. P	6.00
Frese Optical Co., Adolph	16.00
Friez, Julian P	1,162.33
Gaertner & Co., Wm	40.00
Gall & Lembke	16.00
Gilman, Z. D	303.64
Goulds Manufacturing Co	201.00
Green, Henry J	237.40
Greiner Co., Emil	235.28
Greiner & Fredericks	48.55
Gurley, Wm. & L. E	18.00
Haloid Co	21.00
Heil Chemical Co., Henry	74.61
Helder, T. G	18.00
Hews & Co. (Incorporated), A. H	2.40
Heyden Chemical Works	1.25
Hubbard Co., S. B	12.24
Hughes & Co	62.10
Jenks, W. S	5.76
Jones & Lovejoy	10.60
Kauffman-Latimer Co	108.52
Keuffel & Esser Co	41.87
Kny-Scheerer Co	49.87
Kohlbusch, Herman, sr	2.93
Krafft, Wm	367.05
Lander & Smith	24.00
Leeds & Northrup Co	49.50
Leese, M. A	133.20
Leitz, Ernest	123.34
Lenz & Lossau	11.35
Lincoln Photo Supply Co	62.54
Lockwood, W. A	5.00
Lutz & Co	4.50
McKee & Co., A. J	12.26

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

Name.	Amount.
Apparatus, instruments, and laboratory material—Continued.	
Machlett & Son, E	$18.00
Mackall Bros	556.38
Mallinchrodt-Chemical Works	2.22
Mathy Co	45.45
Meier Co., George	.16
Merck & Co	62.62
Montgomery & Co	26.50
Mullet Bros. Photographic Supply Co	9.51
Olds & Whipple	38.75
Painter Fertilizer Co., E. O	107.84
Parke-Davis & Co	14.85
Payne, W. E	126.00
Pullman, E. J	1,211.68
Queen & Co. (Incorporated)	125.74
Remington Manufacturing Co. (Incorporated)	100.45
Rochester Optical Co	1.33
Sanders Fertilizer Co	41.25
Sargent & Co., E. H	189.70
Schmid, Edw. S	32.50
Schmidt, Fred A	.63
Schneider Bros	88.48
Schutte & Koerting Co	2.37
Sharp & Dohme	66.23
Sheetz, W. Silas	708.41
Smith Photo Supply Co., The	13.85
Spencer Lenz Co	179.48
Starrett & Co., L. M	14.00
Swift & Son, James	63.62
Taylor Bros. Co	225.00
Thomas Co., A. H	789.20
Torsion Balance Co	54.25
Turton, J. Edw	113.00
Valle & Young	73.00
Whitall, Tatum Co	570.64
Wilson & Toomer Fertilizer Co	74.50
Woodward & Dickerson	65.00
Zeiss, Carl	128.59
Total	14,212.20
Travel and station and field expenses.	
Allard, H. A	60.85
Allison, Fred G	120.63
Ayres, Thos. W	142.28
Bain, Samuel M	27.71
Ball, Carleton R	337.67
Ballard, W. S	610.80
Balz, Sylvester	119.42
Beattie, W. R	1,437.29
Beckwith, T. D	304.24
Bell, Grace	52.30
Belz, J. O	656.43
Benton, Harmon	149.27
Bessey, Ernest A	1,686.04
Blanchard, H. F	250.06
Borden, A. P	180.60
Brackett, G. B	14.95
Brand, C. J	1,359.04
Brewer, V. C	302.93
Briggs, L. J	529.42
Brodie, D. A	207.98
Brown, Edgar	751.37
Brown, E. B	660.41
Brown, V. C	25.25
Bull, C. P	78.69
Burnett, L. C	106.55
Burr, W. W	120.56
Butler, O	82.56
Butterfield, E. C	50.33
Carleton, M. A	866.02
Carrier, Lyman	836.71
Cates, J. S	503.92
Chamberlain, Jos. S	9.55
Chase, Agnes	42.12
Chilcott, E. C	1,460.17

Name.	Amount.
Travel and station and field expenses—Continued.	
Chilcott, E. F	$135.83
Church, C. G	26.31
Clarke, Fred W	257.67
Clawson, Arthur B	67.95
Cobey, W. W	1,079.66
Cole, E. F	762.51
Cook, O. F	371.50
Corbett, L. C	295.38
Corrick, H. K	262.81
Cory, Victor L	378.90
Cotton, J. S	909.90
Coville, F. V	263.37
Crawford, Albert C	205.39
Crosby, M. A	668.13
Davis, Clifford	17.19
Dennis, S. J	1,017.87
Derr, H. B	139.80
Dewey, Lyster H	434.60
Doane, D. H	251.89
Dodge, L. G	1,096.53
Drake, J. A	764.86
Drummond, Bruce	9.95
Duvel, J. W. T	479.97
Ellis, Frank H	46.70
Estabrook, Leon M	48.10
Eustace, H. J	1,077.45
Faurot, F. W	425.88
Fawcett, Geo. L	44.83
Fitz, L. A	255.59
Fletcher, W. F	497.17
Freeman, E. M	504.84
Galloway, B. T	297.18
Garner, W. W	226.07
Gauges, Joseph A	2.80
Gilbert, W. W	217.05
Glasson, E. J	344.20
Goss, Willard L	84.30
Gould, H. P	499.64
Grace, Oliver J	48.78
Green, E. C	217.85
Griffiths, David	908.10
Hammerly, J. M	9.30
Harper, J. N	36.67
Harter, Leonard L	695.24
Hartley, C. P	538.81
Hastings, S. H	62.15
Hawkins, Lou A	120.76
Hazen, L. E	102.62
Hedgecock, Geo. G	748.02
Heidenman, C. W. H	150.00
Heller, Chas. S	102.30
Henkel, Alice	2.25
Heringa, E	221.40
Hibbard, R. P	376.82
Hitchcock, A. S	369.55
Hood, Samuel E	353.14
Hoover, Charles Potter	471.49
Hosford, G. W	935.45
Hunter, Byron	870.81
Husemann, Fred L	190.05
Husemann, Geo. C	944.34
Iddings, E. J	320.80
Jenne, E. L	260.49
Jensen, Chas. A	289.52
Kearney, T. H	1,611.36
Kellerman, K. F	448.55
Kelly, J. W	26.20
Kennard, Frank L	121.35
Keyser, Val	8.00
Kinsler, John H	204.90
Klugh, G. F	127.10
Kremers, Edward	25.55
LeClerc, J. A	210.17
Leidigh, A. H	1,121.49
Lewton, F. L	120.31
Lucas, W. R	48.05
Lutman, B. F	5.40

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
McClure, Harry B	$658.88	Selby, A. D	$117.82
Mann, Albert	229.65	Shamel, A. D	1,562.10
Marsh, C. Dwight	1,378.53	Shanahan, John D	416.61
Marsh, Hadleigh	89.23	Shantz, H. L	93.79
Marshall, F. R	30.90	Shaw, Harry B	106.10
Mason, Silas C	546.79	Schear, C. L	433.10
Meadows, James O	509.28	Smith, C. B	222.47
Metcalf, Haven	117.75	Smith, Erwin F	435.07
Miles, G. F	975.05	Snyder, W. P	9.10
Miller, Henry A	334.53	Spaulding, Perley	509.56
Mitchell, G. F	318.98	Spillman, W. J	676.33
Moore, R. A	66.09	Stewart, J. B	732.20
Munson, W. M	47.80	Stockberger, W. W	501.19
Ney, Henry E	13.10	Straughn, M. N	26.31
Norgood, C. P	205.44	Stubenranch, A. V	1,052.21
Norton, J. B	503.81	Swingle, Walter T	72.69
Oakley, R. A	595.23	Taylor, Wm. A	553.20
Oberly, Eunice R	70.31	Tenny, L. S	1,333.40
O'Gara, P. J	849.42	Thompson, H. C	245.48
Oliver, Geo. W	1.00	Thompson, O. A	42.67
Orton, W. A	228.98	Tidestrom, Ivar	11.50
Pammel, L. H	18.96	Tournier, A	237.17
Patterson, Flora W	5.61	Townsend, C. O	4,102.98
Payne, J. E	324.68	Tracey, S. M	168.45
Peck, W. A	1,016.71	True, R. H	699.11
Peterson, Wm. A	1,401.07	Tull, J. H	830.86
Powell, G. Harold	1,255.98	Tyler, Fred J	264.61
Prescott, Chas. W	34.61	Umberger, H. J. C	142.25
Quinn, C. E	1,148.52	Von Schrenk, Herman	1,084.68
Quirk, Agnes	1.81	Waite, M. B	883.31
Rabak, Frank	144.59	Waldron, L. R	149.55
Ragan, W. H	58.88	Warburton, C. W	3.60
Rasmussen, Andrew	189.20	Warner, Marjorie F	57.20
Reed, Joseph F	270.60	Warren, J. A	857.43
Richtmann, W. O	264.99	Watson, Harry L	53.25
Rittue, E. C	1,387.62	Webber, H. J	291.69
Roberts, Harry	105.39	Wester, P. J	440.08
Robinson, T. R	214.27	White, H. M	662.08
Romig, L. H	101.90	Wight, W. F	608.90
Rorer, J. B	767.87	Williams, Louis S	222.69
Rowlee, W. W	75.67	Wood, Anna K	7.80
Safford, W. E	401.78	Woods, A. F	21.15
Saylor, Chas. F	1,097.23	Worthen, G. C	6.55
Schaefer, John E	104.00	Young, Thomas B	344.00
Scheriffins, Wm. H	514.56	Zook, L. L	10.72
Scofield, C. S	1,456.15		
Scott, W. M	1,020.88	Total	84,405.61

Total amount of appropriation, including $19,000 for rent, and by transfer of $1,446.28 from Ozark Mountain fund		$491,706.28
Total expenditures under above groups	$459,939.84	
Advance to J. H. Tull, temporary disbursing agent	2,277.07	
Advance to G. N. Collins, temporary disbursing agent	1,351.01	
Advance to J. R. Johnson, temporary disbursing agent	809.13	
Advance to A. S. Hitchcock, temporary disbursing agent	517.78	
Advance to W. A. Peterson, temporary disbursing agent	211.78	
Advance to A. H. Leidigh, temporary disbursing agent	512.94	
Advance to S. C. Mason, temporary disbursing agent	1,000.00	
Advance to E. C. Green, temporary disbursing agent	2,999.21	
		469,618.76
Unexpended balance on September 30, 1907		22,087.52
Repayments to credit of appropriation		225.84
Net unexpended balance on September 30, 1907		22,213.36

BUREAU OF PLANT INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation eneral expenses, Bureau of Plant Industry, 1907, $491,706.28"—Continued.

CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
A. P.	Tea	$304.19
idrew	Red clover seed	133.44
N. S.	Tobacco	407.46
Mary	Rent of land	60.00
F. J.	Red clover seed	50.04
, Thomas A.	Cactus	1.00
D. P.	Tobacco	289.97
am, E.	Drug plants	375.00
. B.	Rent of land	76.88
g, L. R.	Cotton	50.00
n, J. B.	Rent of land	.67
Tobacco Co.	Tobacco	476.00
	do	464.50
las Land Co.	Rent of land	60.00
John	do	5.00
C. U.	Green manure crops	50.00
D. J.	Rent of land	22.50
lead Plantations	Tobacco	486.54
, Joe M.	Cowpeas	18.00
R. C.	Cotton	320.91
sidor	Rent (V. P. Quarters)	396.00
Fred	Green manure crops	30.00
William A.	Rent of land	50.00
	do	50.00
Byron	Tobacco	75.00
Electrical Supply Co.	Construction of oil engine	1,300.00
akota Experiment Station	Alfalfa and red clover	33.00
arolina Department of Agri-	Grapes and cooperative vineyard	50.00
eph	Watermelons	75.00
	do	25.00
Electric Power Co.	Heating	2,100.00
Luther	Potatoes	50.00
on Machine Co.	Ammonia compressor	1,050.00
K.	Matting rushes	300.00
Charles U.	Tea	825.00
l, J. H.	Red clover seed	133.44
Alex	Cactus	6.00
	Rent of land	9.00
thers	Orange hybrids	12.50
D.	Sugar beets, alfalfa, and grain	50.00
L.	Hybrid citrous fruits	127.50
Otto	Barley	100.00
gar Company	Sugar beets	88.65
	do	29.32
J. B.	Red clover seed	90.00
W. Irving	Manure crops (green)	15.00
Henry	Green manure crops	30.00
J. A.	Durum wheat	100.00
Charles H.	Red clover seed	17.48
th, R. B.	Tobacco	37.50
, T. S.	Nematode-resistant plants	15.00
n, W. W.	Experimental farm	30.00
	do	30.00
no. P.	Red clover seed	75.00
ater and Light Co.	Rent of land	3.33
ectric and Water Co.	Water supply	12.00
al		11,042.82

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (Ozark Mountains), 1907, $3,553.72."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Scott, W. M	Assistant Pathologist, at $2,000	$1,833.34	
Rorer, James B	Scientific assistant, at $1,200	500.00	
Faurot, F. W	Special agent, at $50 per month	450.00	
Total		2,783.34	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (Ozark Mountains), 1907, $3,553.72."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Rent.*	
Bean Spray Pump Co	$35.00	Burks, W. A	$25.20
Benton County Hardware Co	6.82	*Apparatus, instruments, and laboratory material.*	
Buck, F. M	7.50	Evans Smith Drug Co	86.75
Gipple, H. W	65.48	Mullett Bros. Photo Supply Co	4.40
Goodwin, W. H	40.25	Total	91.15
Hopkins, C. G	24.00	*Travel and station and field expenses.*	
Lincoln, G. T	26.55	Faurot, F. W	16.10
McClure, J. W. D	1.00	Rorer, James Birch	115.25
Smith, H. C	37.50	Scott, W. M	250.07
Total	244.10	Total	381.42
Express.			
Wells Fargo & Co	21.95		

Total amount of appropriation	$5,000.00
Less amount transferred to general expenses, Bureau of Plant Industry	1,446.28
Net amount of appropriation	3,553.72
Total expenditures under above groups	3,547.16
Unexpended balance	6.56

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (grain investigations), 1907, $15,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Leighty, Clyde E	Special agent, at $1,200	$100.00	$143.50
Neal, Clarence A	Assistant, at $1,000	791.67	
Morrison, George W	Clerk, stenographer, and typewriter, at $1,000	41.67	
Smith, Le Roy M	Laboratory helper, at $840	560.00	
Total		1,493.34	

BUREAU OF PLANT INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation eral expenses, Bureau of Plant Industry (grain investigations), 1907, $15,000"—inued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
t of Washington.			
an, John D	Expert, at $3,000	$2,250.00	$971.37
, C. E	Expert, at $1,800	1,645.00	
Joseph W. T	Assistant, at $2,000	500.00	
belle A	Scientific assistant, at $1,800	1,350.00	
r, E. G	Special agent, at $1,500	1,154.17	1,058.84
W. P	Special agent, at $1,000	655.56	
Ovid	Special agent, at $45 per month	135.00	
otal		7,689.73	

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (grain investigations), 1907, $15,000."

Name.	Amount.
Stationery.	
's Paper Co., R. P	$5.36
yne, R. Carter	1.08
& Tilden	1.16
, Fred S	9.32
& Thalheimer	5.70
n Paper Co., E	2.26
, W. L	28.97
otal	53.85
iscellaneous supplies, etc.	
ore Towel Supply Co	1.50
& Ross	2.25
& Co., Charles	5.04
& Stephenson	41.00
o., Pearre E	3.00
n-Pierson Co., Limited	12.50
ons, Wm. H	58.66
n Manufacturing Co	10.20
Martin Co	.50
w, M	67.00
ston, Chas. R	1.25
e, J. S. (Limited)	49.65
th, Chas. H	3.00
Dealers Co	5.00
l & Son, M. L	1.80
ay Fire Extinguisher Co	24.00
n & Sons, Louis	12.00
Switchboard and Supply Co	17.50
sch, Herman, sr	1.50
r & Co., Thos	4.00
Co	32.50
oin Co., C. J	12.00
& Eisenbrey	1.75
John A	2.75
Co., McGraw, W. W	5.75
Co., E. J	.50
Co., Geo. F	10.66
. N	12.50
e Co., Limited	13.33
off & Co., H. G	1.75
ic Electric Power Co	14.20
I	8.08
Rudolph & West Co	$3.06
Schafer & Co., E. G	2.35
Shane, Ovid	33.00
Underwood Typewriter Co	269.00
United States Bottlers Supply Co	23.75
Vacuum Oil Co	30.20
Welsbach Co	13.55
Woodward & Lothrop	18.00
Woolf & Co., C. M	1.50
Total	831,53
Furniture.	
Central Stores, Incorporated	41.00
Collins, John L	9.00
Hansell & Bro. (Limited), F. F	47.65
Himmel & Son, M. L	95.00
Hoeke, W. H	132.21
Lincoln, Fred S	63.00
Lucas Bros	41.70
McDowell & Co	43.60
Minch & Eisenbrey	3.50
Moses & Sons, W. B	13.25
Woodward & Lothrop	99.78
Total	589.69
Freight.	
Littlefield, Alvord & Co	.24
Pennsylvania R. R. Co	.72
Roosa, I. P	4.00
Total	4.96
Express.	
Adams Express Co	23.04
United States Express Co	14.58
Total	37.62

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (grain investigations), 1907, $15,000"—Continued.

Name.	Amount.
Telegraph.	
Postal Telegraph Cable Co	$1.77
Western Union Telegraph Co	1.32
Total	3.09
Telephone.	
Chesapeake and Potomac Telephone Co	2.70
Rent.	
Chamber of Commerce Building	416.67
New Orleans Board of Trade	300.00
Total	716.67
Gas and electricity.	
Consolidated Gas, Electric Light, and Power Co	2.10
Apparatus, instruments, and laboratory material.	
Bausch & Lomb Optical Co	522.71
Coherth, Chas. E	15.00
Eimer & Amend	30.05
Gilman, Z. D	88.25
Greiner, Emil	279.45
Habliston-Brickman Drug Co	6.90
Kohlbusch, Herman, sr	56.60
Mackall Bros	75.88
Mathy Company	187.83
Pullman, E. J	4.55
Sheetz, W. Silas	12.60
Thomas Co., A. H	60.34
Torsion Balance Co	23.60
Whitall, Tatum Co	12.13
Woolley Sons & Co. (Limited), Jas	5.26
Total	1,299.57
Travel and station and field expenses.	
Boerner, E. G	1,076.20
Brown, Edgar	113.65
Duvel, J. W. T	34.25
Estabrook, Leon M	148.80
Fitz, L. A	57.00
Leighty, C. E	143.55
Shanahan, John D	554.76
Woods, A. F	44.45
Total	2,172.75

Total amount of appropriation	$15,000.00
Total expenditures under above groups	14,897.60
Unexpended balance	102.40
Repayment to credit of appropriation	1.80
Net unexpended balance on Sept. 30, 1907	104.20

CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Chamber of Commerce building, Baltimore.	Rent	$416.67
New Orleans Board of Trade	do	300.00
Total		716.67

BUREAU OF PLANT INDUSTRY—Continued.

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (improving roads), 1907, $3,500."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.
In Washington.		
anks, Lewis	Unskilled laborer, at $1.50 per diem	$10.60
utler, Samuel	do	15.00
in, Edward	do	12.94
ickson, Samuel	do	12.94
uncan, Albert	do	11.25
ichter, W. H	do	15.00
ison, R. F	do	3.00
ickson, Jerry	do	1.50
ohnson, Andrew	do	.75
ing, James E	do	87.00
roctor, John	do	12.94
ichardson, Harry	do	11.25
psney, Wm	do	3.00
aliferro, N	do	73.50
homas, James	do	12.19
urphy, J. J	Bricklayer, at $6 per diem	42.00
urphy, James	Bricklayer's helper, at $2.50 per diem	17.50
Total		342.36

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Bureau of Plant Industry (improving roads), 1907, $3,500."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Cont'd.	
ennan Construction Co	$132.00	Stannard, A. B	$19.56
urch & Stephenson	15.01	Taliaferro, Wm	24.00
lumbia National Sand Dredging Co	2.10	White, Fred J	66.60
stello, Timothy	36.50	Total	3,108.14
anford Paving Co	32.25		
ran, David	44.60	*Fuel.*	
ran, Julia	58.50		
Namara, Martin	175.00	Zeh Co. (Incorporated), W. J	28.00
th & Co., G. F	.30		
tional Mortar Co	2,374.05	*Travel and station and field expenses.*	
tomac Brick Co	45.00		
hafer & Co., E. G	44.03	Eldridge, J. H	1.60
merville Co., Thos	38.10		
andard Oil Co	.64		

tal amount of appropriation	$3,500.00
tal expenditure under above groups	3,474.10
Unexpended balance	25.90

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds, 1907, $205,140."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Tracy, Will W., sr	Superintendent, at $3,000	$3,000.00	$436.06
Whittleton, R. J	Superintendent, at $2,000	2,000.00	
Tracy, J. E. W	Assistant superintendent, at $2,000	2,000.00	528.35
Bateman, C. C	Assistant superintendent, at $1,400	723.33	
Pieters, A. J	Botanist, at $2,750	611.11	15.75
Tracy, W. W., jr	Assistant botanist and clerk, at $1,400	1,400.00	
Piper, C. V	Agrostologist, at $2,250	2,250.00	835.11
Westgate, J. M	Assistant, at $1,500, and scientific assistant, at $1,800.	1,625.00	754.94
Oakley, R. A	Assistant, at $1,400	1,166.67	
Dodge, L. G	Assistant, at $1,200	400.00	
Warren, J. A	....do	400.00	
Nielson, H. T	Assistant, at $1,000 and $1,200	1,100.00	335.33
Morse, W. J	Assistant, at $900	22.50	
Doyle, Emma S	Student assistant, at $25 per month, and assistant, at $720.	667.50	
Evans, M. W	Scientific assistant, at $840	350.00	287.34
Bort, K. S	Aid, at $1,000	973.60	
Hopkins, F. B	Aid, at $60 per month	720.00	22.60
Smith, R. H., jr	Aid, at $600	600.00	
Wheeler, C. F	Expert, at $2,000	2,000.00	
Oliver, G. W	Expert, at $1,800	1,350.00	
Schmitz, Nicholas	Expert, at $1,200	1,200.00	852.91
Goucher, Edward	Expert, at $1,000	333.34	119.13
Vinall, H. N	....do	883.34	407.17
Day, M. E	Expert, at $75 per month	736.25	
Mayer, August	Expert at $900	600.00	117.50
Boyle, Henry H	Expert, at $720	60.00	191.86
Anhagen, G	Expert, at $50 per month	60.00	
Holland, R. B	Inspector, at $900	590.00	
Graner, Mike	Gardener, at $660	192.50	
Duffy, Sadie	Frank counter, at $720	720.00	
Albee, R. S	Clerk, at $1,200	973.33	
Gibson, William A	Clerk, at $1,000	208.33	
Eckman, Lulu L	Clerk, at $75 per month	112.50	
Rea, Edward P	....do	37.50	
Baxter, Mary A	Clerk, at $840	70.00	
Schneider, Mary M	Clerk, at $60 per month	138.00	
Barbiery, Marie	Clerk, at $600	200.00	
Hinton, Agnes	Clerk, at $40 per month	40.00	
Laird, Willie C	....do	53.33	
Manning, Helene F	....do	54.67	
Small, G. C	....do	40.00	
Butler, Harry S	Clerk, stenographer, and typewriter, at $70 per month, and clerk, at $900.	264.67	
Neilson, C. W. C	Cabinetmaker, at $3.50 per diem	444.50	
Wood, H. S	Painter, at $3.50 per diem	63.00	
Hall, Fred C	Laborer, at $60 per month	720.00	
Swann, Sidney	Laborer, at $2 per diem	26.00	
Gillingham, M. P	Laborer, at $55 per month	462.92	
Ramsdell, K. P	Laborer, at $660	660.00	
Fance, Harriet V	Laborer, at $45 per month	540.00	
Gallaher, C. H	Laborer, at $40 per month and $50 per month	590.00	
Gilbert, Mary M	Laborer, at $480 and $540	496.34	
Hammill, Sarah H	Laborer, at $40 per month	22.67	
Milstead, E. H	Laborer, at $40 per month and $50 per month	590.00	
Sadler, Wm. C	Laborer, at $40 per month	184.00	
Wise, Elizabeth B	....do	40.00	
Beattie, Lucy C	Laborer, at $30 per month	360.00	
Benson, Edmond L	Laborer, at $1.50 per diem	43.50	
Garratt, W. A	....do	184.50	
Hall, Benjamin H	....do	34.50	
Hammersley, J. J	Laborer, at $1.50 per diem, and messenger, at $40 per month.	478.50	
Henderson, A. T	Laborer, at $1.50 per diem	37.50	
Hume, Edward	....do	109.50	
Lynn, T. H	....do	117.00	
Brown, Martha A	Charwoman, at $30 per month, and laborer, at $35 per month.	372.00	
Susan B	Collaborator, at $1 per month	12.00	
Total		38,055.90	

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds, 1907, $205,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Conner, A. B.	Special agent, at $60 per month, and scientific assistant, at $1,000 and $1,200.	$1,053.34	$551.51
Keeney, Calvin M.	Special agent, at $50 per month	250.00	.....
Kremers, Will.	Special agent, at $20 per month	240.00	60.75
Riggs, J. W.	Agent, at $40 per month	120.00	.....
McKee, Roland.	Scientific assistant, at $720 and $840	800.00	382.89
Stewart, Robert.	Collaborator, at $10 per month	60.00	.....
Steele, Henry.	Laborer, at $50 per month and $60 per month	210.00	.....
Total.		2,733.34	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds, 1907, $205,140."

Name.	Amount.	Name.	Amount.
Stationery.		*Miscellaneous supplies, etc.*—Cont'd.	
Andrews Paper Co., R. P.	$429.55	Birdsell Manufacturing Co.	$135.00
Ballantyne, R. Carter.	3.70	Blackmore & Langdon.	10.80
Beckley, O. P.	2.00	Bobbink & Atkins.	52.00
Buck Manufacturing Co., T. S.	6.50	Boddington, Arthur T.	40.00
Cambridge Botanical Supply Co.	3.55	Boehme, F. W.	64.00
Contingent expenses, Department of Agriculture.	40.49	Bolgiano & Co., F. W.	453.61
Davison & Co., H. C.	43.86	Branch, R. E.	190.33
District of Columbia Paper Manufacturing Co.	4.80	Brantley Co., The A. P.	136.26
Lamb & Tilden.	8.75	Braslan Seed Growers Co.	21,145.78
Library Bureau.	54.45	Bray, N. M.	57.75
Lindemeyr, Philip.	6.45	Brentanos, Ind.	2.00
Morrison Paper Co., E.	17.38	Brewer, Norman S.	191.00
Parker, D. Frank.	34.20	Brott, L.	160.00
Stockett-Fiske Co.	.50	Brown Bag Filling Co.	41,239.59
Stott & Co., Chas. G.	3.65	Brown Brothers Co.	58.50
Swayze, W. L.	445.20	Bruce & Co., John A.	52.70
Swett, Chas. P.	12.85	Buckeye Nurseries.	10.60
Union Envelope Co.	98.50	Bullard Brothers.	150.00
United States Envelope Co.	142.72	Burpee & Co., W. Atlee.	195.68
Yawman & Erbe Manufacturing Co.	12.24	Bushnell & Co., D. I.	2.00
Total.	1,371.34	Calhoun, W. A.	5.00
		Cambridge Botanical Supply Co.	3.00
Miscellaneous supplies, etc.		Canfield, F. J.	125.00
		Capital Traction Co.	60.00
Adams Co., E. B.	.47	Capitol Freehold Land and Improvement Company.	216.45
Allen, C. L.	632.00	Carter, Dunnett & Beale.	.60
Amzi Godden Seed Co.	1.50	Carter & Co.	7.08
Anderson & Co.	3.89	Caton, Fred C.	1.00
Armour & Company.	3.20	Chicago Carnation Co.	30.00
Autograph Systems Co.	34.00	Childs, John Lewis.	45.50
Bacon, Fred.	8.00	Chillicothe Lumber Co.	22.40
Bailey, Aaron T.	20.72	Church & Stephenson.	1,000.30
Ball & Socket Manufacturing Co.	28.00	Clark Brothers.	36.00
Ballantyne & Son.	5.40	Clark Co., Everett B.	556.60
Barber & Ross.	19.21	Clark, R. E.	77.36
Barr & Sons.	9.91	Cleveland Seed Co.	675.00
Barrett, W. H.	3,400.00	Cline, J. H.	15.00
Barteldes Seed Co.	103.02	Colbert, L. R.	116.00
Barwell, J. W.	21.25	Cole, J. W.	41.93
Baumgarten Co., Herman.	2.50	Cole, W. W.	25.00
Becker & Co., Charles.	50.64	Columbia Pump and Well Co.	7.30
Benary, Ernest.	19.25	Columbia National Sand Dredging Co.	60.00
Berckmans Co., P. J.	76.25	Comstock, Ferre & Co.	22.61
Bernasco, J.	144.90	Conrad, Jones Co.	7.00
Berry Seed Co., A. A.	1,154.40	Cook, C. E.	139.90
		Cooley, D. P.	151.00
		Cooper, W. H.	1.76

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds, 1907, $205,140"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.		*Miscellaneous supplies, etc.*—Cont'd.	
Corley, W. A	$200.00	Horne, J. E	86.00
Corry, J. D	261.40	Horner, H. B	1.00
Coster, Paul R	2.88	Hubbard, T. S	167.20
Cottage Gardens Co	300.00	Hunter (Limited), James	227.50
Coy & Son, C. P	272.00	Hutchens, J. T	43.34
Crane Company	29.75	Hydraulic Press Brick Co	18.00
Crane, E. L	7.00	Ingegnoli, Frattelli	65.26
Creenshaw, D. M	27.00	Jackson & Perkins Co	45.00
Crenshaw Bros. Seed Co	15.00	Jewell Nursery Co	4.50
Cummer Manufacturing Co	46.95	Johansen, Victor	87.40
Daly, Wm. W	4.05	Johnson, Joe M	237.50
Dawley, F. E	200.00	Johnson & Musser Seed Co	1.60
Dayton, A. R	10.00	Jones Bros. Co	635.00
Dayton Frult Tree Label Co	14.00	Jones & Co., G. R	9.00
DeCamp, David M	50.00	Jones, Hiram T	24.00
DeGraaff Bros. (Limited)	100.30	Jones & Son, J. W	182.00
Denison, W. A	412.50	Jones & Lovejoy	16.90
Dennison Manufacturing Co	40.47	Josselyn, Geo. S	171.00
Dickinson Co., The Albert	72.50	Joyce Engraving Co., Maurice	1.00
Dickson Sons (Limited), Alex	32.25	Ken, Otto G	10.00
Dicksons & Co	12.66	Kann Sons & Co., S	1.83
Dietsch, F. R	45.80	Katzenstein & Co., Otto	1.05
Diller, Caskey & Keen	19.25	Keasbey & Mattison Co	1.44
Dorner & Sons Co., F	52.00	Keenan, R. C	437.34
Draper, J. S	6.00	Keeney & Son, N. B	93.20
Dreer (Incorporated), Henry A	772.31	Kendall, J. B	1.00
Drury, J. H	28.00	Kenney, Seth H	21.90
Du Perow, M	505.28	Killian, Geo. P	144.00
Eaton, J. Q	50.00	Klaasen Printing Co	1.75
Ebbert Seed Co	447.00	Kleckley, W. A	20.40
Eckert, John A	18.00	Klemgard, J. S	39.00
Eckford, Henry	5.28	Knott & Mohler	20.60
Edmonston, Chas. R	5.25	Krelage & Zoon, B. H	129.10
Elizabeth Nursery Co	5.00	Lamb & Tilden	15.15
Elliott & Co., James	39.82	Lambie Co. (Incorporated), J. B	19.47
Ellwanger & Barry	60.50	Landreth Seed Co., D	2.00
Englehardt, F. C	30.00	Lane, Thos. J	693.66
Ergood & Co., J. C	8.10	Latham & Co	11.91
Espey, John B	16.85	Leaming, P. D	10.00
Estler & Son, T. W	1.00	LeCog & Co., A	817.74
Fairbanks Company	139.92	Lenawee Seed C	221.76
Fancher Creek Nurseries, Inc	6.00	Liggett, Wm. M	5.00
Ferrell & Co., A. F	50.50	Livingston Seed Co	6.20
Ferry & Co., D. M	36.99	Logan, William	1,008.60
Fisher, Peter	12.00	Lompock Produce Co	1,214.85
Fitzsimmons, Gleeson & Co., Inc	1.35	Loy Hardware Co	11.00
Florida Manufacturing Co	11.75	McCullough's Sons Co., J. M	33.02
Flower & Co., S. W	731.26	McGuire, J. J	78.95
Fox, G. A	1.71	McIntyre Cement Co	360.00
Franceschi, F	5.00	McLendon Hardware Co	2.21
Fritch & Son, Geo. T	3.26	McMackin, J. B	7.50
Gair Company, Robert	58.38	McNeal, John A	40.00
Gay, David S	612.00	Marshall, B. T	85.00
Glen St. Mary Nurseries	128.50	Massachusetts Agricultural Experiment Station	7.50
Gobin-Ebbert Seed Co	242.32	Mathis, W. T	81.43
Gorham, John	3.00	May & Co., L. L	166.00
Gregory & Son, Jas. J. H	2.48	Mebane, A. D	27.00
Griffith, D. J	217.87	Meehan & Sons (Incorporated), Thos	149.99
Groff, D. F	4.75	Metcalfe, J. K	4.80
Haager & Schmidt	8.19	Michell Co., Henry F	262.20
Halladay, Edmund	15.00	Millhiser Bag Co	1,018.50
Hanna, C. M	60.00	Mineralized Rubber Co	126.00
Hardie Seed Co., David	20.00	Monarch Typewriter Co	1.00
Harris, Wm. K	47.50	Montgomery, Sam	84.00
Hartig, Louis	20.30	Moon, Sam'l C	15.00
Harvey Seed Co	154.71	Moon Co., Wm. H	44.00
Hastings & Co., H. G	2.00	Moore, C. F	155.17
Have, Harry T	9.00	Moore, Elliott	9.00
Hazleton, E. P	9.75	Morris, Bessie L	30.52
Heinemann, F. C	5.94	Morrison, E. H	5,397.65
Henbest, A. J	45.00	Morse & Co., C. C	1,943.93
Henderson & Co., Peter	34.78	Mosby, J. K	12.50
Hewitt, D. D	14.00	Moyer, Noah	17.60
Hewitt, Stephen	15.00	Munson, T. V	52.50
Hiatt, J. M	30.00	Muth & Co., Geo. F	90.77
Hill Co., E. G	62.00		
Holmes, John	250.00		

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds, 1907 $205,140"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
National Mortar Co	$171.00
Nawrath, J. P	56.90
Nebeker, P. A	23.25
Northrup, King & Co	1,000.00
Nungesser & Co., Henry	1,611.95
Nungesser, L. C	44.64
Nye, T. C	23.67
Ogemaw Grain & Seed Co	25.00
O'Hanlon Co., Thomas	54.00
One Hundred and One Ranch	4.50
Owl Commercial Co	100.00
Pelon, Robert	133.89
Perry, H. B	10.00
Pierson Co., F. R	405.00
Pilkington & Co., E. C	7.30
Platz & Son, C	.75
Plunkett, T. O	240.00
Poat Bros	154.20
Potomac Electric Power Co	12.00
Price, Thomas	9.00
Ragan, Thomas	330.00
Randolph Paper Box Co	60.70
Rawson & Co., W. W	1.40
Reasoner, E. N	2.25
Reid, James L	9.00
Reilly, Hugh	16.34
Remington Typewriter Co	6.27
Rice Seed Co., Jerome B	9,230.18
Riggs, J. W	32.25
Riley, Marley	18.00
Robinson, J. C	5.00
Robinson Seed Co., J. C	327.75
Robinson Seed and Plant Co	63.00
Roehrs Co., Julius	43.75
Rogers Bros	3,787.58
Rogers, W. C	5.00
Rohnert, Waldo	235.00
Roof, David	33.73
Routzahn Seed Co	686.82
Rudolph & West Co	24.99
Sanders, David	14.40
Sanders, W. S	9.00
Schafer & Co., E. G	58.96
Schmid, Edw. S	154.50
Schmidt, F. C	23.07
Schneiders' Sons, C	.50
School & Co., R	380.45
Scott Lugers Lumber Co	1.75
Seals, C. D	1.44
Sears, Roebuck & Co	34.75
Sherouse, W. H	122.50
Shive, T. H	40.00
Shore, Chas	8.50
Sioux City Seed and Nursery Co	2,027.50
Skidelsky, S. S	8.75
Slate Seed Co	59.50
Sluis & Groot	999.09
Smith, A	29.20
Smith, John W. MacRae	72.50
Smith & Son, Nathan	19.25
Smith Premier Typewriter Co	7.65
Smurthwaite Produce Co., C. A	16.25
Sommerville Co	386.91
Southwestern Seed Co	11.42
Steckler Seed Co. (Limited), J	2.25
Steele, T. E	25.00
Strasburger, Jos	25.00
Sturges, F	8.60
Sutten & Sons	4.60
Suzuki & Iida	50.01
Taber, G. L	851.25
Tavanner, Cloyd	40.00
Ten Eyck, A. M	100.25
Thompson Carnation Co., J. D	37.50
Thompson, L. L	53.75
Thompson, O. A	30.00
Thorburn & Co., J. M	167.29
Toole, W. W	$500.00
Topham, James S	25.50
Totty, Charles H	62.62
Typewriter Office Supply Co	2.00
Underwood Typewriter Co	449.40
Vanderford, E. S	11.60
Vander Schoot & Son, R	844.90
Van Zanten Brothers	757.50
Vaughans Seed Store	329.56
Veitch and Sons (Limited), Jas	27.94
Vilmerin-Andriux & Co	1,244.22
Vincent & Son, R., jr	72.00
Vollmer & Co	76.75
Walsh, M. H	28.50
Ware, J. M	40.00
Warner, F. A	7.50
Washington Hydraulic Press Brick Co	43.00
Waters, Henry J	5.00
Weaver, W. T. & F. B	1.00
Webb & Sons, E	6.77
Weber & Sons Co., H	15.00
Weeber & Don	196.48
Wells & Co. (Limited), W	66.18
Werniche Seed Co	38.00
Western Seed and Irrigation Co	3,425.74
Wheeler, Carl	250.00
White, Herbert C	5.00
Will & Co., Oscar H	27.00
Willett Seed Co., N. L	165.50
Williams, C. G	7.50
Williams, T. S	24.50
Wilterdink, Edward J	13.30
Wittbold Company, Geo	37.50
Wood & Sons, T. W	32.00
Wood, Stubbs & Co	30.40
Woodward & Lothrop	13.09
Woolf & Co., C. M	31.50
Worcester, George S	87.50
Yale & Towne Manufacturing Co	1.20
Total	131,834.41
Furniture.	
Clark, Davenport & Co	48.00
Hoeke, W. H	79.50
Lansburgh Furniture and Carpet Co., J	30.50
Moses & Sons, W. B	187.93
Woodruff Mfg. Co	36.00
Woodward & Lothrop	61.95
Yawman & Erbe Manufacturing Co	495.84
Total	939.72
Fuel.	
Murphy, Robert	6.43
Zeh Co. (Incorporated), Wm. J	3,177.51
Total	3,183.94
Freight.	
Atchison, Topeka and Santa Fe Ry. Co	15.46
Baltimore and Ohio R. R. Co	182.94
Chesapeake and Ohio Ry. Co	24.89
Delaware and Hudson Co	.45
Evans, M. W	.75
Littlefield, Alvord & Co	688.06
McCrary Transfer Co	8.25
Norfolk and Washington (District of Columbia) Steamboat Co	7.14
Northern Pacific Ry. Co	140.14
Oregon Short Line R. R. Co	14.76

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds, 1907, $205,140"—Continued.

Name.	Amount.
Freight—Continued.	
Pennsylvania R. R. Co	$1,055.62
Richmond, Fredericksburg and Potomac R. R. Co	1.71
Roosa, I. P	28.10
Southern Pacific Company	194.69
Southern Ry. Co	20.12
Union Pacific Railroad Co	3.49
Washington-Southern Ry. Co	231.92
Total	2,618.48
Express.	
Adams Express Co	586.31
United States Express Co	270.27
Total	856.58
Telegraph.	
Postal Telegraph Cable Co	15.27
Western Union Telegraph Co	85.47
Total	100.74
Telephone.	
Chesapeake and Potomac Telephone Co	42.56
Rent.	
Bliss, A. O	3,000.00
Bliss, D. S	10.00
Burnett, E. A	5.00
Total	3,015.00
Gas and electricity.	
Potomac Electric Power Co	106.99
Washington Gas Light Co	17.50
Total	124.49
Apparatus, instruments, and laboratory material.	
Autographic Systems Co	30.00
Bausch & Lomb Optical Co	148.31
Century Camera Co	1.30
Columbia Photo Supply Co	$66.04
Droer Manufacturing Co	.20
Evans, Henry	6.75
Farquhar & Co., R. J	17.00
Fassett Co. (Incorporated), C. M	6.50
Folmer & Schwing Co	4.80
Gilman, Z. D	6.17
Jones & Co., G. W	18.65
Leese, M. A	121.85
Mackall Brothers	54.77
Meier Company, George	8.00
Painter Fertilizer Co., E. O	21.75
Pullman, E. J	82.97
Sheetz, W. Silas	.90
Thomas, A. H	3.90
Virginia-Carolina Chemical Co	304.94
Whitall, Tatum Co	25.80
Total	930.61
Travel and station and field expenses.	
Brown, Edgar	100.00
Conner, A. B	551.51
Corbett, L. C	363.00
Evans, M. W	287.34
Hopkins, F. B	22.60
Juenemann, H. E	989.93
Keller, Chas	36.58
Kremers, Will	601.75
McKee, Roland	332.89
McLennan, Robert	46.35
Morrison, L	26.01
Nielsen, H. T	242.35
Oakley, R. A	123.97
Oliver, Geo. W	638.56
Pieters, A. J	15.75
Piper, C. V	835.11
Reed, Joseph F	217.10
Saunders, D. A	39.94
Schmitz, Nickolas	852.91
Tracy, J. E. W	526.35
Tracy, W. W., jr	436.05
Tracy, W. W., sr	368.85
Vinall, H. N	407.17
Westgate, J. M	754.94
Total	8,877.91

Total amount of appropriation	$205,140.00
Total expenditures under above groups	194,085.02
Unexpended balance	11,054.98
Repayments to credit of appropriaton	7.75
Net unexpended balance	11,062.73

CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Bivens, Lee	Experiment station	$1.00
Bliss, D. S	Sweet corn	10.00
Brantley, A. P., Co	Cotton	98.76
Braslan Seed Growers Co	Tangier pea and scarlet vetch	80.00
Bray, H. M	Experimental field	20.00
Brewer, N. S	Sweet corn	15.00
Brown Bag Filling Machine Co	Mailing, etc	40,771.91
Do	Rental	400.00
Burnett, E. A	Sweet corn	5.00
Canfield, F. J	Alfalfa	125.00
Clark Brothers	Experimental farm	36.00
Cooley, D. P	Sweet corn	15.00
Dawley, F. E	Alfalfa	200.00

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds, 1907, $205,140"—Continued.

CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Dayton, A. R	Sweet corn	$10.00
De Camp, D. M	Alfalfa	50.00
Holmes, John	Cotton	40.00
Hutchens, J. T	Experimental farm	33.34
Johnson, Joe M	Watermelons	140.00
Do	do	75.00
Keeney, N. B., & Son	Peas	90.80
Klemgard, J. S	Timothy	39.00
Littlefield, Alvord & Co	Horse and wagon	429.00
McGuire, J. J	Cotton	78.95
Do	do	200.00
Minnesota Agricultural Experiment Station.	Sweet corn	5.00
Missouri Agricultural Experiment Station.	do	5.00
Morrison, E. M	Flower seed	50.00
Plunkett, T. O	Cotton	40.00
Register, J. R	do	200.00
Robinson, J. C	Sweet corn	5.00
Roger Brothers	Peas	5.00
Sanders, David	Timothy	14.40
Smith, J. W. M	Bulbs	72.50
Taber, George L	Orange trees	851.25
Utah A gricultural Experiment Station.	Sugar beets	400.00
Ware, J. M	Cotton	40.00
Williams, T. S	Watermelons	50.00
Total		44,701.91

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds (foreign), 1907, $35,780."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Fairchild, D. G	Explorer, at $2,500	$2,500.00	$403.31
Barrett, O. W	Assistant, at $1,800 and $2,000	1,838.89	203.80
Derr, H. B	Assistant, at $1,000	869.45	302.97
Young, R. A	do	127.78	.....
Mayer, August	Expert, at $1,200	400.00	.....
Boyle, Henry H	Expert, at $720	660.00	.....
Millott, Eugene	Clerk, at $720	342.00	.....
Hall, Geo. W	Fireman, at $720	190.00	.....
Bryant, B. B	Unskilled laborer, at $1 per diem	3.00	.....
Green, George R	do	2.00	.....
Ownes, Clarence B	do	3.00	.....
Miller, C. S	do	2.00	.....
Soper, Willie B	do	2.00	.....
Total		6,940.12	.....
Out of Washington.			
Hansen, N. E	Explorer, at $75 per month	500.00	195.86
Goucher, Edward	Special agent, at $1,000	649.99	.....
Beagles, R. L	Special agent at $60 per month and $75 per month.	765.00	.....
Marks, I. G	Special agent, at $60 per month	420.00	.....
Johnson, B. G	Special agent, at $3 per diem	664.60	.....
Benson, W. D	Special agent, at $5 per month	55.00	.....
Nehrling, H	Collaborator, at $300	275.00	.....
Rowlee, W. W	Collaborator, at $10 per month	10.00	.....
Mann, Angus C	Gardener, at $900	900.00	40.58
Klopfer, Henry	Skilled laborer, at $720	90.00	.....
Total		4,329.59	.....

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds (foreign), 1907, $35,780."

LUMP-FUND SALARIES—Continued.

Name.	Amount.
Stationery.	
Andrews Paper Co., R. P.	$12.70
Ballantyne, R. Carter	5.50
Davison & Co., H. C.	58.48
Library Bureau	77.40
Parker, D. Frank	1.33
Swayze, Bailey & Co.	18.50
Swayze, W. L.	32.50
Swett, Chas. P.	4.00
Woodruff Manufacturing Co.	6.25
Yawman & Erbe Manufacturing Co.	12.00
Total	196.16
Miscellaneous supplies, etc.	
Allamanna Svenska Utsades Aktiebolaget	83.32
American Can Co.	21.77
Baker Bros.	7.05
Ball and Socket Manufacturing Co.	229.12
Barber & Ross	8.95
Beavers, John M.	11.50
Bees (Limited)	.28
Boehmer & Co., L.	34.96
Bosch, J. D.	88.87
Carter & Co., James	7.76
Church & Stephenson	245.25
Collins-Gunther Co.	3.50
Colombo	105.38
Cortopassi, Lewis	92.25
Dennison Manufacturing Co	2.00
Dielmann, J. C.	53.19
Distel, Bernard	100.75
Dow Co. (Incorporated), Frank P.	2.50
Dreer (Incorporated), Henry A.	50.80
Englehardt, F. C.	6.00
Fancher Creek Nurseries (Incorporated)	2.25
Forbes, R. H.	36.40
Fresno Vineyard Co.	271.30
Friend & Terry Lumber Co.	22.50
Furuya Co., M.	2.00
Gallifier & Bro., W. T.	27.28
Griffing Bros. Co.	18.00
Haage & Schmidt	1.57
Harding, Kaufman Implement Co.	13.90
Hartig, Louis	4.32
Henderson & Co., Peter	30.75
Hills Bros. Co.	34.02
Hollis, W. Stanley	5.00
Hooker Co., H. M.	212.80
Hunter, James (Limited)	3.79
Immer & Son, E.	249.26
Ingegnoli, Frattelli	36.67
Italian Vineyard Co.	101.45
Johnson, Bernard G.	25.00
Knox & Son, M. N.	11.00
Laing & Mather	3.65
Lamb & Tilden	5.60
Lambert & Solme, J.	8.64
Lambie Co. (Incorporated), Jas. B.	42.95
Lamm, E. L.	10.95
Lawrence, Mary	96.75
Lazenberry & Co., Chas. E.	208.10
Le Coq & Co., A.	200.92
Legaman, Daniel	3.75
McIntyre Cement Co.	382.50
Maverick, Mrs. Samuel	49.50
Meyer, J. T. W.	6.25
Millhiser Bag Co.	57.81
Muth & Co., Geo. F.	33.45
Nawrath, J. P.	4.65
Pilkington & Co., E. C.	59.43
Pulfer, R.	38.60
Reilly, Hugh	33.40
Remington Typewriter Co.	867.90
Richter, F.	150.00
Rochester Optical Co.	6.25
Rose, J. N.	10.44
Rossier freres et soeur	64.56
Rudolph & West Co.	50.23
Russell, L. R.	16.91
San Antonio Machinery and Supply Co.	41.79
Sanders Fertilizer Co.	31.00
Schmid, Edw. S.	132.25
Scott, R. A.	38.00
Seccombe, W.	66.40
Seffel & Son, Stephen	14.70
Silliman, J. R.	233.23
Smith-Premier Typewriter Co.	8.00
Stechert & Co., G. E.	22.10
Steves & Sons, Ed.	40.47
Strang, H. L.	26.26
Thompson, J. H.	28.75
Tips Hardware Co.	60.23
To-Kalon Vineyard Co.	662.40
Underwood Typewriter Co.	90.15
Varga, A.	3.00
Veitch & Sons (Limited), Jas.	6.00
Vilmorin-Andrieux Co.	16.57
Webb & Sons, E.	8.80
Wente, C. H.	79.75
Wesley & Son, Wm.	3.00
West End Lumber Co.	17.82
Wilson & Toomer Fertilizer Co.	23.00
Yokohama Nursery Co.	30.86
Zorrilla, Bernardo	31.42
Total	5,913.05
Furniture.	
Hoeke, W. H.	24.94
Lansburgh Furniture and Carpet Co., Julius	22.50
Moses & Sons, W. B.	3.15
Woodward & Lothrop	13.34
Yawman & Erbe	59.16
Total	123.09
Freight.	
Birlin, Bernard	.32
Clute, Alva B.	.53
Littlefield, Alvord & Co.	25.30
Northern Pacific Ry. Co.	.14
Pennsylvania R. R. Co.	259.88
Roosa, I. P.	123.78
Total	409.95
Express.	
Adams Express Co.	161.02
Northern Express Co.	10.72
Great Northern Express Co.	97.44
United States Express Co.	266.83
Total	536.01
Telegraph.	
Postal Telegraph-Cable Co.	18.24
Western Union Telegraph Co.	98.81
Total	117.05

BUREAU OF PLANT INDUSTRY—Continued.

rt of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds (foreign), 1907, $35,780"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Amount.	Name.	Amount.
Telephone.		*Travel and station and field expenses.*	
peake and Potomac Telephone		Baker, Geo. S	$40.50
	$1.50	Barrett, O. W	203.80
a Telephone Co	5.00	Bessey, Ernest A	86.79
		Boyle, Henry H	191.86
Total	6.50	Carleton, M. A	248.73
		Caudell, A. N	12.00
aratus, instruments, and laboratory material.		Derr, H. B	163.17
		Dorsett, P. H	397.08
ır Fertilizer Works	34.50	Dyar, Harrison G	51.75
h & Lomb Optical Co	10.13	Fairchild, D. G	403.31
ry Camera Co	4.45	Fischer, Walter	249.70
bia Photo Supply Co	102.98	Goucher, Edward	119.13
r Manufacturing Co	46.00	Hansen, N. E	195.86
r & Schwing Co	22.05	Hastings, S. H	22.70
n, Z. D	1.75	Headley, F. B	221.32
M. A	11.38	Huemann, Geo. C	350.76
ll Bros	3.83	Jardine, W. M	199.06
an, E. J	53.46	Klopfer, Henry	111.10
as Co., A. M	7.68	McKee, Roland	50.00
ll, Tatum Co	9.90	Mann, A. C	40.58
ı & Toomer Fertilizer Co	6.00	Mayer, August	117.30
		Stubenrauch, A. V	151.15
Total	314.11	Tull, J. H	21.28
		Warburton, C. W	83.40
		Total	3,732.53

amount of appropriation		$32,780.00
ıt transferred from fund for erection of building at Chico		3,000.00
Total appropriation available		35,780.00
expenditures under above groups	$22,619.56	
ce to N. E. Hansen, temporary disbursing agent	1,494.68	
ce to P. H. Dorsett, temporary disbursing agent	3,097.62	
ce to F. N. Meyer, temporary disbursing agent	4,500.54	
ce to August Mayer, temporary disbursing agent	1,300.00	
		33,012.40
Unexpended balance		2,767.60

t of expenditures for the fiscal year ended June 30, 1907, under appropriation "Purchase and distribution of seeds (foreign), 1907, $35,780."

CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
J. D	Vineyard	$88.87
assi, L	do	92.25
B	do	100.75
Vineyard Company	Grape culture	271.30
ich-Bundschu Wine Co	Vineyard	150.00
Vineyard Company	Grape culture	101.45
nce, M	Vineyard	96.75
aquin Valley Realty Co	do	150.00
lon Vineyard Company	Grape culture	662.40
C. H	Vineyard	79.75
Total		1,793.52

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $105,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Spillman, W. J	Agriculturist, at $3,000	$250.00	
Brodie, D. A	Agriculturist, at $2,000	2,000.00	$681.02
Peck, W. A	Assistant agriculturist, at $1,000	166.67	
Webber, H. J	Physiologist, at $2,750	916.67	
Kearney, T. H	Physiologist, at $2,250	187.50	
Cook, O. F	Bionomist, at $2,750	572.92	
Orton, W. A	Pathologist, at $2,000	1,583.33	
Smith, C. B	Assistant, at $2,000	333.34	
Collins, G. N	Assistant, at $1,800	450.00	
Froley, J. W	Assistant, at $1,600	200.00	
Benton, Harmon	Assistant, at $1,400	1,400.00	1,087.00
Crosby, M. A	do	1,400.00	1,243.84
Drake, J. A	do	233.35	
Carrier, Lyman	Assistant, at $1,200	200.00	
McClure, H. B	Assistant, at $1,000	166.67	
Quinn, C. E	do	166.67	
Allard, H. A	Assistant, at $960	960.00	207.04
Gilbert, W. W	do	480.00	
Lewton, Frederick L	Scientific assistant, at $1,600	533.34	
McClelland, C. K	Scientific assistant, at $1,200	800.00	
Cates, J. S	Scientific assistant, at $1,000 and $1,500	979.17	
Pittier, H	Special agent, at $2,250	2,250.00	
Boykin, E. B	Special agent, at $1,000, and agent, at $1,200	1,100.00	949.64
Glasson, E. J	Expert, at $1,000	250.01	
Goding, Harry	Clerk, at $1,000	308.33	
Kendall, Anna L	do	22.22	
Wood, Anna K	do	166.68	
Holland, John D	Clerk, at $840	630.00	
Hoke, W. B	Clerk, at $720	258.00	
Reid, W. A	Clerk, at $600	523.33	
Doyle, Ida L	Messenger, at $840	840.00	
Total		20,328.19	
Out of Washington.			
Scofield, C. S	Agriculturist, at $2,250	468.75	
Warburton, Clyde W	Assistant agriculturist, at $1,400	933.33	
Shamel, A. D	Physiologist, at $2,000	333.34	
Knapp, Seaman A	Special agent, at $3,000	3,000.00	1,529.84
Bain, Samuel M	Special agent, at $200 per month, and collaborator, at $1 per month.	1,206.00	512.75
Bennett, R. L	Special agent, at $2,000	2,000.00	952.29
Tracy, S. M	do	2,000.00	1,115.24
Evans, James A	Special agent, at $150 per month	1,800.00	580.45
Kinsler, J. H	Special agent, at $125 per month	1,500.00	1,420.74
Shoemaker, D. H	Special agent, at $1,500, and expert, at $1,800	1,575.00	553.92
Alsop, S. B	Special agent, at $100 per month	466.67	21.70
Bentley, Walter D	do	1,176.67	496.40
Berryman, Lee J	do	900.00	416.60
Giles, R. E. L	do	633.33	145.55
Hall, G. A	do	53.33	18.55
Peterson, Wm. A	Special agent, at $1,200	300.00	
Perrin, Louis E	Special agent, at $100 per month	1,200.00	957.13
Proctor, Wm. F	Special agent, at $100 per month and $125 per month.	1,300.00	506.75
Quicksall, James L	Special agent, at $100 per month	1,200.00	428.75
Smith, Edward W	do	1,200.00	218.80
Swaty, Anton V	do	1,200.00	479.97
Wemple, Joe E	do	1,200.00	551.85
Peterson, Fred O	Special agent, at $85 per month	255.00	
Apple, Wm. J	Special agent, at $80 per month	293.33	109.75
Caldwell, D. R	do	840.00	503.43
Campbell, W. W	do	256.00	189.85
Carson, James W	do	160.00	
Featherston, L. H	do	960.00	425.23
Gentry, E	do	664.00	405.70
McKnight, Hiram L	do	240.00	106.00
Slattery, John P	do	400.00	356.85
Watkins, W. J	do	554.67	376.85

BUREAU OF PLANT INDUSTRY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $105,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Vashington—Cont'd.			
ew, Irene	Special agent, at $75 per month	$900.00	$14.90
. W	Special agent, at $60 per month	510.00	460.16
Eugene P	Special agent, at $60 per month and $75 per month.	792.50	222.40
rancis A	Special agent, at $60 per month	240.00	21.00
Stanley H	Special agent, at $60 per month and $30 per month.	195.00	.....
ook, Henry	Special agent, at $700	350.00	.....
, W. E	Special agent, at $50 per month	380.00	5.50
J. Davis	Special agent, at $45 per month	405.00	75.00
om L	Special agent, at $40 per month and $25 per month.	307.50	.....
on, W. L	Special agent, at $350	350.00	.....
J. F	Special agent, at $25 per month	200.00	.....
S. M	....do	200.00	.....
on, F. E	Special agent, at $200	166.67	.....
nita	Special agent, at $10 per month	30.00	.....
. R	....do	120.00	.....
s, D. A	Field agent, at $125 per month	1,500.00	590.61
, S. H	Agent, at $60 per month	436.00	.....
F. B	Scientific assistant, at $1,200	1,200.00	931.87
o. F	....do	500.00	.....
Christina L	Assistant, at $25 per month	37.50	.....
lara Marie	....do	245.00	.....
L. N	Collaborator, at $25 per month	275.00	35.25
William M	....do	13.33	.....
illiam	....do	150.00	.....
vans B	....do	62.50	.....
. E	Collaborator, at $1 per annum	.33	.....
ge, W. M	....do	1.00	.....
D. N	....do	.88	168.90
E. A	....do	.55	.....
l, Thos. M	....do	.64	.....
W. E	....do	1.00	.....
C. R	....do	.67	.....
I. S	....do	.42	.....
A. S	....do	.75	.....
. C	....do	.67	.....
. B	....do	.55	.....
P. H	....do	.32	.....
. O	....do	.55	.....
Harvey E	....do	1.00	.....
R	....do	.08	.....
D	....do	.65	.....
, C. S	....do	.63	.....
W	....do	.42	.....
R. S	....do	.34	.....
Harry L	Clerk, at $1,400	233.33	.....
lin, F. M	Clerk, at $1,200	193.33	55.00
n, Clyde	Clerk, at $50 per month	115.00	40.95
lph M	Clerk, stenographer, and typewriter, at $840	445.67	.....
on, Robt	....do	140.00	.....
laude S	Clerk, stenographer and typewriter, at $40 per month.	60.00	.....
illie A	Laborer, at $2 per diem	588.00	.....
, A. M	Laborer, at $40 per month	180.00	.....
, H. W	....do	160.00	.....
Jay B	....do	218.67	3.80
n, Alexander	Laborer, at $30 per month	360.00	.....
erman	Unskilled laborer, at $45 per month	31.50	.....
assar S	Unskilled laborer, at $40 per month	40.00	.....
G. W	....do	480.00	.....
, Chas. L	....do	262.67	10.65
obert	....do	40.00	.....
n, James	Unskilled laborer, at $35 per month	35.00	.....
, Joe	Unskilled laborer at $30 per month	180.00	.....
Felipe	Unskilled laborer, at $26 per month	156.00	.....
illie	Unskilled laborer, at $5 per month	17.50	.....
tal		43,783.54	.....

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, $105,000."

Name.	Amount.
Stationery.	
Andrews Paper Co., R. P	$110.35
Ballantyne & Sons, Wm	43.50
Brentanos (Incorporated)	7.20
Cargill Company	144.95
Contingent expenses, Department of Agriculture	6.15
Davison & Co., H. C	58.48
Library Bureau	23.25
Lincoln, Fred S	10.60
McMillan Book Co	64.12
Morrison Paper Co	14.52
Parker, D. Frank	43.45
Schmidt, Fred A	.84
Sharp & Sons, F	2.35
Smith Printing Co., Robt	8.34
Stockett-Fiske Co	1.79
Swayze, W. L	33.97
Swett, Chas. P	.40
Union Envelope Co	22.50
United States Envelope Co	96.24
Yawman & Erbe Manufacturing Co	97.75
Total	790.75
Miscellaneous supplies, etc.	
Adams Co., C. L	4.45
Allen Manufacturing Co., W. D	3.00
Anderson, J. M	100.00
Andrews, T. J	15.00
Apel, Hiram	11.25
Barber & Ross	.90
Barnett, J. S	20.00
Baxter, T. J	10.00
Beaty & French	1,817.60
Becker, C	30.50
Becker & Co., Charles	2.95
Bernasco, J	17.75
Bolgiano Co., F. W	3.50
Bolls, J. A	5.00
Boyett, J. C	7.25
Bradley, J. F	20.25
Brazil, W. L	34.23
Broadwell, John B	5.00
Brown, M. L	3.00
Burby, J. W	3.00
Burns, Louis	100.00
Butler, G. H	49.37
Cameron & Co., Wm	6.00
Cargill Co., The	20.75
Carroll, J. L	16.00
Caston, S. T	9.00
Church & Stephenson	8.57
Collins-Gunther Co	9.10
Colorado Valley Pumping and Irrigation Co	49.68
Continental Gin Co	47.88
Cox, Ed. T	100.00
Crenshaw, D. M	137.16
Dawson, R. B	400.00
Demoss, W. H	100.00
Dennison Manufacturing Co	25.85
Diehman, J. C	32.90
Dill, Ball & Co	4.50
Dyer, Wm. H	5.25
Eaton, J. W	49.25
Edmonston, Chas. R	2.50
Edzards, H. J	52.14
Eichling, C. W	3.85
Espey, John B	2.40
Ferguson, J. M	5.00
Fielding, W. H	25.00
Fisher, H. P	498.60
Fletcher, John C	103.00
Fletcher, R. S	24.00
Foster & Co., C. J	31.50
Miscellaneous supplies, etc.—Cont'd.	
Gandy, C. A	$49.50
Garrison, T. S	15.00
Geyser Ice Co	4.50
Gill, J. M	24.40
Glassell, John, jr	28.75
Glen St. Mary Nurseries	12.50
Goodson, Jake	40.00
Greer, A. Y	180.00
Griffis, T. L	32.40
Hammond Typewriter Co	1.50
Harding-Kaufman Implement Co	80.00
Haynes, E. M	100.00
Haywood, B. H	10.00
Haywood, K. F	8.00
Hensinger Hardware Co	8.96
Hillyer-Deutsch Jarratt Co	143.21
Hiser, Daniel	8.50
Holmes, John	61.00
Hoosier Drill Co., Div	8.00
Howell Brothers	96.00
Humphreys, Godwin & Co	5.00
Jeffreis, W. L	25.00
Johnson, C. L	17.00
Johnson, Joe M	22.90
Jones Printing Co., Limited	109.75
Joyce Engraving Co., Maurice	.50
Keaghey, Wm. S	100.00
Keenan, Walter A	11.25
Kendall, J. B	24.00
Kimbrough, J. D	127.75
Laas, Ernest	100.00
Knessi's Sons, K	12.50
Lake Charles Carriage and Implement Co. (Limited)	6.00
Lake Charles Press Co. (Limited)	121.50
Lake Charles Printing Co. (Limited)	34.00
Lamb'e Co. (Incorporated) Jas. B	9.88
Lamm, E. J	3.47
Lamm, J. & E	4.35
Logan, Dave	2.50
McCargo, J. H	22.30
McCullough's Sons Co., J. M	27.00
McFadden, W. N	125.00
McGlosson, Robt	51.30
McLendon Hardware Co	28.98
McSween Co., John	6.00
Martin, C. J	7.50
McLane, Alexander	15.00
Meloy, I. B	2.25
Millhiser Bag Co	60.13
Manford, Wm	100.00
Murphy, C. B	17.32
Murphy, John C	6.45
Muth & Co., Geo. F	12.55
National Electrical Supply Co	.25
Nawrath, J. P	4.27
Oldham & Son, John H	29.35
Orndorff, L. G	1.50
Osborn, J. H	3.60
Owen, L. D	18.60
Pace, H. W	12.90
Patterson, J. P	19.50
Phillips, G. R	13.00
Pipkins, Jas. A., jr	25.00
Plunkett, T. O	54.25
Press Printing Co	207.75
Rand, McNally & Co	2.25
Reclamation Service	28.77
Reid, J. W	50.00
Reilly, Hugh	1.32
Remington Typewriter Co	108.00
Reynolds, C. L	15.00
Robinson, T. P	30.13
Rogers, E. M	122.50
Rudolph & West Co	7.79
San Antonio Irrigation Co	25.00

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, $105,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Cont'd.	
San Antonio Machine and Supply Co.	$241.71
San Antoino Sheet-Metal Works	42.37
San Antonio Tent and Awning Co.	27.00
Sanders, M. L.	3.00
Schmid, Edw. S.	12.40
Schneider's Sons, C. A.	1.00
Scott, R. A.	97.88
Seffel & Son, Stephen	85.95
Sharp & Sons, F.	27.80
Sistrunk, W. E.	28.00
Smith, H. L.	100.00
Smith, S. H	43.50
Smith, S. P.	158.00
Sorrells, A. S	100.00
Stannard, A. B.	2.50
Stark, S.	5.00
Steven & Son, Ed.	113.93
Stout-Greer Lumber Co.	37.50
Stubbs, F. P.	450.66
Thibodeaux, Gilbert	100.00
Thorburn & Co., J. M.	8.00
Tips Hardware Co.	272.33
Topham, James S.	30.00
Turton, J. Edward	11.00
Typewriter and Office Supply Company	104.00
Underwood Typewriter Co.	82.25
Varga, A.	20.30
Varn, W. L.	100.00
Vogel, A.	14.75
Waco City Water Works	3.00
Waco Machinery and Supply Co.	42.71
Warden, Henry	3.00
Wemple, R. Y.	40.25
White, Fred J	3.65
Whittington, J. R.	6.25
Winfrey, George H.	519.85
Winfrey & Co., J. W.	54.00
Wolf & Co., C. M.	16.30
Total	9,899.87
Furniture.	
Cargill Co.	65.80
Hemenway Furniture Co.	15.40
Hoeke, W. H.	33.52
Holmes, John	10.00
Household Furniture Store	9.50
Library Bureau	118.00
Lincoln, Fred S.	72.75
Maverick-Clarke Litho. Co	35.15
Moses & Sons, W. B.	13.60
White Furniture. Co.	18.00
Woodward & Lothrop	15.67
Yawman & Erbe Mfg. Co.	117.03
Total	524.42
Fuel.	
Freeman & Sons, J. M.	10.00
Hyattsville Grain and Coal Co.	45.00
Total	55.00
Freight.	
Littlefield, Alvord & Co.	28.75
Missouri, Kansas and Texas Ry. Co. of Texas	1.22
Pennsylvania R. R. Co.	.63
Total	30.60

Name.	Amount.
Express.	
Adams Express Co.	$139.85
United States Express Co.	125.05
Total	264.90
Telegraph.	
Postal Telegraph Cable Co.	4.35
Western Union Telegraph Co.	30.89
Total	35.24
Telephone.	
Chesapeake & Potomac Tel. Co.	.20
Eureka Telephone Co.	55.00
Southwestern Tel. and Tel. Co.	9.00
Texas Telephone Co.	6.00
Total	70.20
Rent.	
Halbert, O. I.	192.00
Von Phul, Frank A. & Gordon, Smith, W.	360.00
Total	664.00
Gas and electricity.	
Citizens' Railway Co.	26.00
Waco Gas Co.	6.00
Total	32.00
Apparatus, instruments, and laboratory material.	
Barnett Bros.	2.25
Bausch & Lomb Optical Co.	106.77
Caddo Fertilizer Co.	25.63
Carl, Frederick	9.50
Douglass Bros.	19.28
Draper Manufacturing Co.	3.75
Einstein, Ben	2.00
Folmer & Schwing Co.	3.11
Gaertner & Co., Wm.	10.00
Gilman, Z. D.	.35
Green, Henry J.	12.00
Greiner, Emil	31.30
Jenks, W. S.	2.88
Keuffel & Esser Co.	8.32
Lawson & Co., W. C.	14.00
Leese, M. A.	2.88
Mackall Brothers	13.31
Painter Fertilizer Co., E. O.	13.10
Pullman, E. J.	82.37
Queen & Co. (Incorporated)	8.50
Roach & Barnes	50.34
Rowe & Son, A. C.	12.00
San Antonio Drug Co.	8.75
Sargent & Co., E. H.	164.00
Schmidt, Fred A.	5.75
Sheetz, W. Silas	148.65
Thomas Co., A. H.	12.48
Usteri-Reinacher, Th.	7.44
Winterhalter, Otto	11.80
Total	792.51
Travel and station and field expenses.	
Allard, H. A.	146.19
Alsop, S. B.	21.70

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, $105,000"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Apple, W. J	$109.75	Lewton, F. L	$471.88
Bain, S. M	485.04	McClelland, C. K	887.90
Barrow, D. N	168.90	McKnight, H. L	64.65
Bennett, R. L	952.29	McLaughlin, F. M	55.00
Bentley, W. D	486.40	McMahan, Clyde	40.95
Benton, Harmon	937.73	McWilliams, J. T	20.70
Berryman, L. J	416.60	Meads, R. M	57.50
Boyce, C. W	460.16	Miles, G. F	475.65
Boykin, E. B	949.64	Moore, James J	56.12
Brand, C. J	242.32	Nielson, H. T	92.98
Brodie, D. A	473.04	Orton, W. A	259.06
Caldwell, D. R	303.43	Perrin, L. E	957.13
Campbell, W. W	189.85	Plunkett, Tom O	3.70
Cates, J. S	423.00	Proctor, W. F	506.75
Cook, O. F	287.74	Pruitt, Geo. H	18.15
Cowdin, E. P	222.40	Quicksall, J. L	428.75
Crosby, M. A	575.71	Reed, Joseph F	52.60
Duggar, J. F	10.34	Saunders, D. A	550.67
Duncan, L. N	35.25	Shamel, A. D	189.00
Esterbrook, Henry	61.70	Shear, C. L	139.85
Evans, J. A	590.48	Shoemaker, D. N	553.92
Featherston, L. H	425.33	Slattery, J. P	356.85
Franklin, Chas. L	10.65	Smith, Ed W	218.80
Gentry, Elbert	405.70	Spillman, W. J	344.08
Gigleux, E. J	10.90	Stallings, W. C	5.50
Gilbert, W. W	131.78	Swaty, A. V	479.96
Giles, R. E. L	145.55	Terrell, Thomas E	10.80
Glasson, E. J	73.50	Tracy, S. M	946.79
Hall, G. A	18.85	Walker, J. B	3.80
Headley, F. B	710.55	Warburton, C. W	792.26
Hilley, F. A	21.00	Watkins, W. J	376.85
Hoke, Charles A	46.59	Webber, H. J	171.46
Kinnebrew, Irene	14.90	Wemple, J. E	551.85
Kinsler, J. Davis	75.00		
Kinsler, John H	1,215.84	Total	23,728.03
Knapp, S. A	1,295.84		

Total amount of appropriation		$105,000.00
Total expenditures under above groups	$100,999.26	
Advance to H. Pittier, temporary disbursing agent	263.18	
		101,262.44
Unexpended balance		3,737.56
Repayment to credit of appropriation		70.00
Net unexpended balance		3,807.56

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, $105,000."

CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Anderson, J. M	Experimental farm	$100.00
Borroughs, W. A	do	12.50
Brazil, W. L	Cotton	25.00
Burns, Louis	do	100.00
Carroll, J. L	do	16.00
Clark, O. W	Experimental farm	100.00
Cox, E. T	do	100.00
Crenshaw, D. M	Cotton	100.00
Do	do	25.00
De Moss, W. H	Experimental farm	100.00
Eaton, J. Q	Cotton	38.75
Edzards, H. V	do	25.80
Fletcher, J. C	do	35.00
Do	do	60.00
Fletcher, R. S	do	20.00

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, $105,000"—Continued.

CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Foster, C. J., & Co	Cotton	$25.00
Greer, A. Y	do	120.00
Do	do	60.00
Halbert, O. L	Rent of laboratory	192.00
Haynes, E. M	Experimental farm	100.00
Heard, J. F	Cotton	0.
Herron, F. A	Experimental farm	100.00
Holmes, John	Cotton	25.00
Jefferies, W. L	do	25.00
Do	do	112.00
Johnson, W. G	Lettuce	140.00
Keaghey, W. S	Experimental farm	100.00
Kimbrough, J. D	Cotton	25.00
Do	do	37.50
Laas, E	Experimental farm	100.00
McCullough, J. C	Cotton	15.00
McFadden, W. N	do	100.00
Do	do	25.00
Munford, William	Experimental farm	100.00
Pipkin, James A., jr	Cotton	25.00
Plunkett, T. O	do	20.00
Reynolds, C. L	do	15.00
Robinson, T. P	do	25.00
Rogers, E. M	do	122.50
San Antonio Irrigation Co	Water supply	25.00
Sistrunk, W. E	Cotton	25.00
Smith, H. L	Experimental farm	100.00
Thibodeaux, Gilbert	do	100.00
Varn, W. L	do	100.00
Von Phul & Gordon	Office rent	360.00
Weichsel, C	Experimental farm	100.00
Total		3,276.64

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907–8, $40,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Gigleux, E. J	Special agent, at $60 per month	$160.00	$161.55
Graham, T. L	do	172.00	64.95
McWilliams, J. T	do	152.00	54.75
Moore, James J	do	172.00	107.07
Swaty, David R	do	172.00	118.43
Wade, James A	do	172.00	107.45
Davidson, Robert C	Special agent, at $80 per month	229.33	130.80
Orms, G. W	do	202.67	130.68
Pruitt, George H	do	229.33	113.90
Sutton, G. R	Special agent, at $80 and $100 per month	210.00	56.40
Terrell, T. E	Special agent, at $80 per month	229.33	36.75
Utts, Albert J	do	202.67	144.87
Allen, C. E	Special agent, at $100 per month	266.67	.....
Huffman, Logan J	do	286.67	.....
Plunkett, Tom O	Special agent, at $125 per month	358.33	3.79
Total		3,215.00	.....

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907–8, $40,000."

Name.	Amount.	Name.	Amount.
Travel and station and field expenses.		*Travel and station and field expenses.*	
Davidson, R. C	$130.80	Pruitt, Geo. H	$95.75
Gigleux, E. J	150.65	Sutton, G. R	56.40
Graham, T. L	64.95	Swaty, David R	118.43
McKnight, N. L	41.35	Terrell, Thomas E	26.25
McWilliams, J. T	34.05	Utts, Albert J	144.87
Moore, James J	50.95	Wade, James A	107.45
Orms, G. W	130.68	Total	1,152.58

Total amount of appropriation	$40,000.00
Total expenditures under above groups	4,367.58
Unexpended balance on June 30, 1907, which is available during fiscal year 1908	35,632.42

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Pomological investigations, fund from sale of fruits and vegetables, $3,744.74."

Name.	Amount.	Name.	Amount.
Stationery.		*Furniture*—Continued.	
Andrews Paper Co., R. P	$9.70	Yawman & Erbe Manufacturing Co	$53.50
Collins Manufacturing Co., A. M	31.14	Total	175.95
Parker, D. Frank	11.00		
Swayze, W. L	14.96	*Freight.*	
United States Envelope Co	26.04	Southern Pacific Co	80.22
Yawman & Erbe Manufacturing Co	12.00		
Total	104.84	*Express.*	
		Adams Express Co	33.43
Miscellaneous supplies, etc.		United States Express Co	8.25
Barber & Ross	3.60	Total	41.68
Becker & Co., Chas	.90		
Church & Stephenson	8.44	*Telegraph.*	
Collins Manufacturing Co., A. M	30.00	Postal Telegraph Cable Co	15.74
Doremus Machine Co	19.25	Western Union Telegraph Co	44.23
Elliott & Co., James	18.80	Total	59.97
Espey, John B	1.58		
Field, J. E	2.50	*Apparatus, instruments, and laboratory material.*	
Fruit Auction Co	161.40		
Glen Saint Mary Nurseries	21.60	Columbia Photo Supply Co	$3.65
Hiser, Daniel	13.98	Draper Manufacturing Co	9.75
James, Charles	2.50	Frese Optical Co., Adolph	68.10
McClellan, W. B	5.00	Leeds & Northrup Co	110.00
Meekins, B. F	5.00	Pullman, E. J	40.00
Memory, J. L	3.00	Schneider Bros	143.95
Moore Co	45.00	Sheetz, W. Silas	85.22
Muth & Co., Geo. F	49.33	Western Electric Co	12.50
Risien, E. E	2.00	Total	533.17
Rudolph & West Co	.74		
Ruhlman & Co., P	19.25	*Travel and station and field expenses*	
Schmid, Alex	20.00		
Schmid, Edw. S	3.50	Fletcher, W. F	4.01
Smith, McC. J	5.00	Gore, H. C	3.68
Tarkington, H. H	1.00	Gould, H. P	25.96
Topham, James S	12.50	Hecke, G. H	2.60
Typewriter and Office Supply Co	16.85	Powell, G. Harold	32.00
Washington Market Co	20.40	Stubenrouch, A. V	19.35
Wood, Albert	258.26	Taylor, Wm. A	14.13
Woodward & Lothrop	13.50	Total	101.73
Young & Co., A. F	102.90		
Total	867.78		
Furniture.			
Lincoln, Fred S	108.88		
Moses & Sons, W. B	13.57		

Total amount available	$3,744.74
Total expenditures under above groups	1,965.34
Unexpended balance on June 30, 1907, which is available until used	1,779.40

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Department of Agriculture, $780,934.68."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Gardner, S. F	Engineer, at $2,000	$2,000.00	$182.28
Talcott R. B	Consulting mechanical engineer, at $700	700.00	.....
Sewell, John S	Supervising engineer, at $650	650.00	15.65
McGowne, John	Foreman, at $150 per month	370.00	.....
Palmer, J. G	Inspector, at $2,000	2,000.00	76.96
Dent, John T	Inspector, at $100 per month	600.00	.....
Eaton, L. F	....do	1,200.00	.....
Saunders, H. W	....do	1,066.67	.....
Liang, William	Inspector, at $75 per month	62.50	.....
Sutherland, W. D	....do	112.50	.....
Gilbert, H. L	Draftsman, at $1,400	1,271.66	25.70
Wallach, R. L	Surveyman, at $50 and $60 per month	499.00	.....
Dalphin, John C	Assistant, at $25 per month	202.50	.....
Austin, Waltin T	Assistant, at $20 and $25 per month	90.50	.....
Moore, Samuel R	Assistant, at $20 per month	28.00	.....
Total		10,853.33	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Department of Agriculture, $780,934.68."

Name.	Amount.	Name.	Amount.
Stationery.		*Freight.*	
Lincoln, Fred S	$0.71	Littlefield, Alvord & Co	$0.24
Morrison Paper Co	16.40		
Schmidt, Fred A	76.94	*Express.*	
Swayze, W. L	2.18		
Yawman & Erbe Manufacturing Co	1.50	United States Express Co	1.05
Total	97.73	*Telegraph.*	
Miscellaneous supplies, etc.		Postal Telegraph Cable Co	.78
		Western Union Telegraph Co	.20
Bernasco, J	22.00	Total	.98
Du Perow, M	177.40		
Engineering News Publishing Co	28.80	*Telephone.*	
Engineering Record	27.20		
Espey, John B	7.75	Chesapeake and Potomac Telephone Co	6.00
Evening Star Newspaper Co	31.10		
Frech, Clara M	18.35	*Travel and station and field expenses.*	
Jorss, A. F	25.00		
Muth & Co., Geo. F	9.39		
Rankin, Kellogg & Crane	1,783.05		
Sanborn, Chas. H	31,340.26		
Stannard, Ambrose B	480,457.08	Gardner, S. F	182.28
Washington Herald Co	32.50	Gilbert, H. L	25.70
Washington Post Co	39.00	Palmer, J. G	76.96
Washington Times Co	19.95	Sewell John Stephen	15.65
Watson-Flagg Engineering Co	10,315.86	Total	300.59
Total	524,334.69		

Total amount of available appropriation	$780,934.68
Total expenditures under above groups	535,594.61
Unexpended balance on June 30, 1907, available until used	245,340.07

BUREAU OF PLANT INDUSTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Buildings, Department of Agriculture, 1907, $780,934.68."

CONTRACTS.

Contractor.	Nature of contract.	Approximate amount.
Beall, R. J., Construction Co	Sewer	$6,898.26
Catlin, Elmer H. Co	Lighting fixtures	9,480.00
Faith, S. & Co	Power plant equipment	60,032.96
Otis Elevator Co	Electric elevators	25,275.00
Rankin, Kellogg & Crane	Architectural work	55,227.00
Sanborn, Charles H	Heating and ventilation	74,438.01
Stannard, A. B	Construction of laboratories	1,178,957.49
Do	Power house	24,796.00
Walker, John T	Erection of office building	1,377.85
Watson-Flagg Engineering Co	Electric wiring and conduit systems	20,257.00
Total		1,456,739.57

RECAPITULATION.

Statutory salaries		$160,987.05
Lump-fund salaries in Washington		275,371.42
Lump-fund salaries outside of Washington		153,797.88
Stationery		8,646.89
Miscellaneous supplies and services, equipment, books, machinery, etc		721,427.48
Furniture		7,253.45
Fuel		3,929.09
Freight		3,761.77
Express		4,148.32
Telegraph		852.12
Telephone		474.64
Rent		16,230.27
Gas and electricity		3,168.67
Apparatus, instruments, and laboratory material		18,173.32
Printing and binding		
Travel and station and field expenses		124,254.75
Total		1,502,477.12
Amount advanced to P. K. Dorsett, temporary disbursing agent, out of fund for erection of building at Chico, the remaining $3,000 having been transferred to "Foreign seeds"	$2,000.00	
Advance to temporary disbursing agents	20,334.94	
		22,334.94
Total expenditures for entire Bureau of Plant Industry		1,524,812.06
Total of all appropriations		1,849,419.42
Total expenditures as above		1,524,812.06
Unexpended balance		324,607.36
Balance under "Buildings, Department of Agriculture," $245,340.07, and "Pomological investigations, fund from sale of fruits and vegetables," $1,779.40, available until used	247,119.47	
Balance under appropriation "Cotton boll weevil investigations, 1907–8," available in fiscal year 1908	35,632.42	
		282,751.89
Balance		41,855.47
Repayments to credit of appropriations		205.39
Net unexpended balance on September 30, 1907		42,060.86
Outstanding liabilities (estimated)		27,565.41
Balance to be turned back in Treasury (estimated)		14,495.45

PROJECTS.

The principal projects conducted by the Bureau of Plant Industry during the fiscal ear ended June 30, 1907, were as follows, with approximate cost in each case. The ost of these projects has also been charged in each case against the group to which it ertains.

1. ADMINISTRATION.

(*A*) *Office of Chief of Bureau.*

Outline of work: General administration of Bureau affairs; the carrying out of all scal operations, such as appointments and changes of grade, auditing and accounting; ıe editing and proof reading of all publications of the Bureau; and other executive and dministrative details.

llotment of funds:		
Statutory salaries		$30,000.00
Lump funds		8,500.00
Total		38,500.00
Expended as follows:		
alaries (statutory roll):		
Albee, R. S., clerk	$264.45	
Allen, Jessie M., clerk	983.34	
Andrews, B. M., clerk	133.00	
Barbiery, Marie, clerk (half year)	377.50	
Borochoff, J. M., messenger	600.00	
Bragdon, Clara K., clerk	696.34	
Brodie, C. E., messenger	54.67	
Callander, W. F., clerk	1,400.00	
Cartan, M. S., clerk	400.00	
Collier, William, clerk	1,200.00	
Cox, W. P., clerk	1,166.67	
Edmonston, Mrs. B., clerk	832.01	
Estabrook, L. M., clerk	1,800.00	
Fowle, C., clerk	150.00	
Galloway, B. T., chief of bureau	4,500.00	
Gochenour, W. P., clerk	1,600.00	
Graham, J. P., clerk	1,133.33	
Haas, Alvina, clerk	133.33	
Jones, J. E., chief clerk	2,000.00	
Jones, O. F., clerk (half year)	900.00	
Lee, Frank, skilled laborer	594.50	
Marcy, W. L., clerk (half year)	700.00	
Muhleman, Bessie, clerk (half year)	300.00	
Phelps, Nora H., clerk (half year)	500.00	
Rockwell, J. E., editor	2,000.00	
Saunders, Belle, clerk	1,600.00	
Taylor, W. E., clerk	1,400.00	
Wight, J. C., clerk (half year)	800.00	
Williams, Mrs. A., clerk	1,200.00	
Zell, Carrie, clerk	720.00	
		30,139.14
alaries (lump fund roll):		
Andrews, B. M., clerk	149.33	
Brooks, J. S., laborer	14.00	
Brown, Martha, charwoman	372.00	
Cramor, Mabel, clerk	285.00	
Cox, W. P., clerk	233.33	
Daniel, Evelyn W., messenger	5.00	
De Loach, Mrs. G. B., scientific assistant	170.00	
Fitzhugh, W. H., laborer	388.50	
Gibson, W. A., clerk	27.78	
Hinton, Agnes, clerk	81.33	
Laird, W. C., clerk	38.67	
Manning, H. F., clerk	65.33	
Neilson, C. W. C., cabinet maker	154.00	

(A) Office of Chief of Bureau—Continued.

Salaries (lump fund roll)—Continued.		
Sheehan, F. J., messenger boy	$224.00	
Scribner, F. Lamson, special agent	2,500.00	
Youngblood, F. E., clerk	23.33	
		$4,731.60
Total salaries		34,870.74
(NOTE.—Employees charged for one-half year are detailed for remainder of year to work of Congressional seed distribution.)		
Field work: Inspection of experimental plantings and laboratories in the field, and necessary travel		1,209.93
Miscellaneous: Stationery, supplies, and office fixtures		951.86
Total expenditures		37,032.53

Authority (Digest of Appropriations, p. 418): Salaries paid on statutory roll. (Digest of Appropriations, pp. 429–430): Miscellaneous investigations, and "for the employment of investigators, * * * clerks, * * * assistants, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses" and miscellaneous expenses and supplies; "and for all other necessary expenses."

(B) Office of Assistant Chief of Bureau.

Outline of work: The administrative supervision of the pathological and physiological work of the Bureau; assisting the chief of Bureau in the general management of Bureau affairs; keeping of project records, cooperative agreements, contracts, etc.; issuance of authorizations, drawing of requisitions, etc.; handling of all supplies and property of the Bureau; translating, abstracting, and indexing of pathological and physiological literature, and the maintenance of a branch library of same; and rental and care of all buildings leased for the use of the Bureau.

Allotment of funds:		
Statutory salaries		$18,400.00
Lump funds		18,996.24
Total		37,396.24
Expended as follows:		
Salaries (statutory roll):		
Bradley, F. H., clerk	$1,400.00	
Bechtold, J. M., messenger	264.00	
Carroll, L. W., messenger	225.00	
Collins, J. B., messenger	477.33	
Curtin, Grace M., clerk	647.66	
Ecton, T. G., gardener	840.00	
Escavaille, C. L., clerk	490.00	
Fealy, Nellie E., clerk	1,800.00	
Harrison, Carrie, clerk	233.33	
Hodges, A. J., watchman	420.00	
Humphrey, W. F., carpenter	70.00	
Jones, J. A., clerk	160.00	
Kelly, M. C., watchman	720.00	
Lane, Katharine, clerk	1,200.00	
Long, W. W., clerk	1,600.00	
Mason, C. S., clerk	707.50	
Moise, F. S., clerk	1,008.33	
Oberly, Eunice R., clerk	1,140.00	
Page, J. E., messenger	600.00	
Parker, Sallie M., clerk	1,200.00	
Smith, Lydia J., clerk	1,200.00	
Smith, W. A., carpenter	763.00	
Sweet, M. L., clerk	225.00	
		17,29[illegible]

(*B*) *Office of Assistant Chief of Bureau*—Continued.

Salaries (lump fund roll):		
Adams, Lola M., laborer	$600.00	
Augusterfer, R., electrician	203.00	
Bean, S., carpenter	42.00	
Childers, L. F., collaborator	57.33	
Clark, H. M., laborer	420.00	
Escavaille, C. L., clerk	300.00	
Fearing, Martin, clerk	336.00	
Fischer, Walter, scientific assistant	1,200.00	
Garner, Sarah L., charwoman	480.00	
Green, L. H., clerk	356.00	
Harrison, Carrie, scientific assistant	1,166.67	
Heron, L. M., electrician	136.50	
Holton, N. G., assistant curator	958.66	
Howell, H. H., clerk	138.00	
Jensen, C. A., agriculturist	400.00	
Meloy, F. E., clerk	1,015.01	
Merwin, J. O., scientific assistant	366.67	
Roberts, H., clerk	670.00	
Sands, J. K., plumber	168.00	
Sweet, M. L., clerk	525.00	
Wood, H. S., painter	238.00	
Woods, A. F., assistant chief of bureau	3,000.00	
		$12,776.84
Total salaries		30,067.99
Field work: Inspection of experimental plantings and laboratories in the field, and necessary travel		363.90
Miscellaneous: Stationery, apparatus, laboratory supplies, office fixtures, gas and electric current, etc		5,463.95
Total expenditures		35,895.84

Authority (Digest of Appropriations, p. 418): Salaries paid on statutory roll. (Digest of Appropriations, pp. 429–430): Miscelleanous investigations, and "for the employment of investigators, * * * clerks, * * * assistants, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses" and miscellaneous expenses and supplies, "and for all other necessary expenses."

II. Pathological Investigations.

(*A*) *Laboratory of Plant Pathology.*

Outline of work:	Allotment.
(1) Laboratory studies of all sorts of plant diseases. This work is largely technical, including diseases of sugar cane, cotton, corn, olives, potatoes, tomatoes, tobacco, cucumbers, squash, pumpkins, muskmelons, cabbage, etc	$14,699.00
(2) Pathological collections, including the Mycological Herbarium and the identification and inspection of material received. In connection with the pathological work a collection of all the fungi connected with plant diseases is necessary, and this collection now contains approximately 50,000 specimens	4,361.00
(3) Investigation of rice diseases in South Carolina. Work already done indicates that the disease of rice known as "blast" is caused by a fungus and that plants growing in very acid soils are most subject to attack	1,455.00
(4) Investigations of truck crop diseases, including methods of spraying cucurbits to control downy mildew, the production of disease resistant cowpeas and watermelons, a study of the disease resistance of potatoes, and a general survey of the plant diseases prevalent in the United States	2,961.93
Statutory salaries	2,940.00
Total allotment	26,986.93

(*A*) *Laboratory of Plant Pathology*—Continued.

Expended as follows:

Salaries (statutory roll):		
Allen, C. W., clerk	$250.00	
Ammen, Mathilde, clerk	521.66	
Brewer, J. F., artist	1,200.00	
Dyre, Mildred P., clerk	225.00	
		$2,196.66
Salaries (lump fund roll):		
Ames, Adeline, laboratory aid	960.00	
Beattie, R. K., collaborator	11.00	
Bolley, H., collaborator	12.00	
Charles, Vera K., scientific assistant	1,080.00	
Cobb, N. A., special agent	2,116.67	
Davis, G. H., clerk	170.00	
Dyre, Mildred, clerk	350.00	
Gates, E. P., clerk	210.00	
Gilbert, W. W., scientific assistant	600.00	
Harper, J. N., collaborator	180.00	
Heald, F. D., collaborator	12.00	
Hedges, Florence, scientific assistant	1,183.33	
Jones, L. R., collaborator	300.00	
Johnson, Thomas, laborer	520.00	
Johnston, J. R., scientific assistant	1,200.00	
Kern, F. D., collaborator	3.00	
Metcalf, Haven, pathologist	1,800.00	
McCulloch, Lucia, scientific assistant	184.00	
Norton, J. B., assistant physiologist	7.00	
Orton, W. A., pathologist	416.67	
Paddock, W., collaborator	12.00	
Pammel, L. H., collaborator	12.00	
Patterson, Flora W., mycologist	1,600.00	
Pomeroy, C. S., special agent	200.00	
Quirk, Agnes, laboratory aid	1,091.67	
Rowen, G. D., gardener	75.00	
Selby, A. D., collaborator	12.00	
Sheldon J. L., collaborator	12.00	
Smith, Erwin F., pathologist in charge	2,875.00	
Stevens, F. L. collaborator	12.00	
Stone, G. E., collaborator	12.00	
Stuart, William, collaborator	60.00	
Swingle, D. B., scientific assistant	196.67	
Tiller, R. G., laboratory aid	148.33	
Whetzel, H. H., collaborator	12.00	
Wilcox, E. M., collaborator	12.00	
		17,658.33
Total salaries		19,855.00
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel		1,924.00
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc		4,284.00
Total expenditures		26,063.

Authority (Digest of Appropriations, p. 418): Statutory salaries. (Digest of Appropriations, pp. 429–430:) * * * "to study plant and orchard diseases, and demonstrate the treatment of same; * * * to investigate the causes of decay in forest timber and timber used for construction purposes, and to devise means for preventing the decay of same; * * * for actual and necessary traveling expenses, * * * and other miscellaneous expenses.

(*B*) *Diseases of fruits.*

utline of work:		Allotment.
(1) Pear blight eradication and demonstration work		$5,780.00
(2) "Little peach" eradication work		1,367.00
(3) Spraying demonstration work in the control of apple bitter rot		4,783.00
(4) Investigations of diseases of cranberries, grapes, and other small fruits		5,520.00
(5) Investigations of miscellaneous diseases of orchard fruits, including the identification of diseases, a study of the brown rot of the peach and plum, and of the winter injury to fruit trees, and giving information as to the preparation and use of fungicides		1,724.33
alaries paid from statutory roll		1,200.00
Total allotment		20,374.33
Expended as follows:		
alaries (statutory roll):		
Shaw, Harry B., scientific assistant		986.67
alaries (lump-fund roll):		
Ayres, T. W, special agent	$233.34	
Ballard, W. S., scientific assistant	805.66	
Faurot, F. W., special agent	150.00	
Hall, W. J., laborer	22.50	
Hawkins, L. A., scientific assistant	270.00	
Keyser, Val., special agent	128.00	
Miles, George F., scientific assistant	700.00	
O'Gara, P. J., scientific assistant	980.00	
Patten, J. C., artist	100.00	
Rorer, J. B., scientific assistant	900.00	
Scott, W. M., pathologist	166.66	
Shaw, H. B., scientific assistant	126.66	
Shear, C. L., scientific assistant	2,250.00	
Steni, L. B., clerk	217.50	
Thompson, M., scientific assistant	464.00	
Waite, M. B., pathologist in charge	2,500.00	
Wood, Mrs. A. K., scientific assistant	708.34	
		10,722.56
Total salaries		11,709.23
ield work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel		6,904.58
liscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc		1,206.57
Total expenditures		19,820.38

Authority (Digest of Appropriations, pp. 429–430): * * * "to study plant and rchard diseases and demonstrate the treatment of same; * * * for the employ.ent of investigators, local and special agents, * * * clerks, illustrators, assistıts, student or scientific aids, * * * and all other labor and assistance required ı conducting investigations and experiments in the city of Washington and elsehere. * * * For actual and necessary traveling expenses; * * *" miscellaeous expenses, and "for all other necessary expenses * * *."

III. Physiological Investigations.

(*A*) *Plant breeding.*

utline of work:	Allotment.
(1) Breeding hardy frost proof oranges which may be grown in more northern regions than the present orange belt and be able to resist severe freezes	$1,812.54
(2) Breeding new types of citrus fruits to obtain hybrids combining the loose skin of the tangerine with the quality and form of the ordinary orange, and to secure improved varieties of tangerines, oranges, pomeloes, lemons, etc	1,074.35
(3) Breeding new types of pineapples of improved quality, form, disease resistance, etc	1,100.76

(*A*) *Plant breeding*—Continued.

Outline of work—Continued.	Allotment.
(4) Breeding alkali and drought-resistant field crops, to secure varieties more resistant to alkalies and drought	$8,565.6
(5) Tobacco breeding, including the improvement of native varieties by seed selection and the production of new strains by hybridization, the adaptation of imported varieties to special soil and climatic conditions, study of the curing and fermentation of tobacco, and a study of the diseases affecting the crop	16,914.1
(6) Corn breeding, the production of improved strains for the different geographic sections of the United States	4,320.0
(7) Breeding of sweet corn, including its improvement for canning purposes and the improvement and acclimatization of two strains for Florida, South Carolina, Maryland, and Connecticut.	1,382.6
(8) Breeding and improvement of oats and wheat, to secure an increased average net yield and improved quality; to determine the best methods of breeding, and to obtain better varieties for distribution to farmers	3,848.0
(9) Miscellaneous breeding work, including the improvement of potatoes by selection, and the production of high-yielding and high starch-producing new varieties from seed; the production by hybridization and selection of a saccharine broom corn to combine the properties of sorghum and broom corn; the testing of alkali resistance of nitrogen-fixing bacteria, to ascertain whether the bacteria are less resistant than their host plants, and if so whether the resistance of the former can be increased by breeding; and the improvement of wild plants, to secure desirable strains of several of our wild species and to obtain new vegetables for general use, particularly a substitute for potatoes	1,841.9
Statutory salaries	2,680.0
Total allotment	43,540.0

Expended as follows:

Salaries (statutory roll):		
Braden, F. C., clerk	$58.33	
Davenport, L. H., clerk	1,000.00	
Gorman, J. J., clerk	4.67	
Miller, Mrs. D. C., clerk	855.00	
Reinford, A. S., clerk	492.33	
		2,410.33
Salaries (lump-fund roll):		
Barbour, A. H., clerk	55.00	
Bean, S., carpenter	357.00	
Bias, T. J., laborer	474.67	
Brewer, V. C., tobacco expert	750.00	
Bond, W. H., laborer	135.00	
Brown, D. P., special agent	600.00	
Brown, E. B., scientific assistant	1,076.67	
Burnett, L. C., special agent	550.00	
Chapman, A. H., laborer	50.00	
Churchill, V. L., special agent	50.00	
Cobey, W. W., special agent	1,800.00	
Cushman, A. S., collaborator	300.00	
Davis, C. W., special agent	480.00	
Ewing, F. C., laborer	225.00	
Garner, W. W., scientific assistant	1,200.00	
Gray, Paul, laborer	258.00	
Hammerly, J. M., skilled laborer	262.00	
Harter, L. L., assistant physiologist	1,200.00	
Hartley, C. P., physiologist	1,700.00	
Hopkins, F., watchman	140.00	
Jones, J. W., laborer	50.00	
Kearney, T. H., physiologist	2,125.00	

(*A*) *Plant breeding*—Continued.

alaries (lump-fund roll)—Continued.		
Lyon, T. L., collaborator	$2.00	
McChesney, O. S., watchman	72.00	
Montgomery, F. G., collaborator	10.00	
Norton, J. B., assistant physiologist	1,600.00	
Oliver, G. W., expert	450.00	
Pingley, W. A., watchman	196.00	
Prescott, C. W., collaborator	8.50	
Richardson, C. L., carpenter	63.00	
Rogers, Shober, special agent	68.75	
Rountree, W. A., laborer	325.00	
Rowen, J. D., jr., gardener	115.00	
Sarvis, J. T., laborer	135.00	
Shamel, A. D., physiologist	1,666.66	
Shantz, H. L., special agent	50.00	
Scherffius, W. H., tobacco expert	1,894.45	
Stewart, J. B., tobacco expert	950.00	
Straughan, M. N., special agent	450.00	
Summers, J. C., laborer	50.00	
Swesey, A. C., laborer	37.96	
Ullrich, Fritz, laborer	50.00	
Webber, H. J., physiologist in charge	1,145.00	
Wood, H. S., painter	35.00	
Wood, J. A., laborer	35.00	
Wolf, Frank, special agent	720.00	
Zumwalt, Frank, laborer	362.08	
		$24,330.57
Total salaries		26,740.90
ield work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel		13,268.76
liscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc		3,307.02
Total expenditures		43,316.68

Authority (Digest of Appropriations, pp. 429–430): * * * "to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; * * * to investigate the practical application in agriculture of the fixation of atmospheric nitrogen by bacteria and other microorganisms in soils and the root tubercles of leguminous and other plants; * * * to propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses" * * * miscellaneous expenses and "for all other necessary expenses * * *."

(*B*) *Plant life history investigations.*

	Allotment.
utline of work:	
(1) Establishment of date culture and study of the life history of the date palm: To bring about the establishment of date culture on a commercial scale in the United States; particularly to investigate the life history of the date palm in reference to the different varieties and methods of culture best adapted to American conditions	$2,000.00
(2) Investigation of crops suited to arid and semiarid regions: To ascertain the drought resistance of the principal crop plants adapted to dry-land culture	1,000.00
(3) Caprification of the fig and study of the life history of figs and caprifigs: To continue the investigation of the process of caprification and to study in detail the life history of figs used for drying, and the caprifigs in which the fig insect is produced	1,106.00

(*B*) *Plant life history investigations*—Continued.

Outline of work—Continued.	Allotment.
(4) Clover and alfalfa investigations—seed production and change of seed: To investigate the life history of clover and alfalfa, with special reference to climatic, soil, and cultural condition, requirements of the various varieties, and at the same time to determine whether change of seed is beneficial; and if so, whether it can be carried out to advantage in practice	$4,000.00
(5) Establishment of pistache culture, and study of the life history of the pistache and its wild relatives	500.00
(6) Arboricultural investigations, with special reference to the utilization of tree crops in dry-land regions, and to investigate the life history of fruit, nut, and forage trees likely to succeed in the drier parts of the Southwest	3,000.00
(7) Miscellaneous life history investigations, including a study of truffle culture and a study of the life history of the truffle fungus and truffle oaks: To bring about the establishment of truffle culture on a commercial basis in the United States; an investigation of the application of electricty to plant culture, to determine by field tests whether electricity can be applied with advantage in truck farming; an investigation of the stimulation treatment of crops, to discover the causes of increased yields of plants sprayed with Bordeaux mixture and of cereals treated to prevent smut; and a study of the life history of citrus fruits, with special reference to hardy and extra-early sorts, and the growing of hardy stocks on which to graft them	1,700.00
Statutory salaries	1,200.00
Total allotment	14,506.00

Expended as follows:

Salaries (statutory roll):		
Ferrall, J. A., clerk		1,000.00
Salaries (lump-fund roll):		
Brand, C. J., assistant physiologist	$1,650.00	
Dameron, Allen D., laborer	420.00	
Drummond, B., special agent	180.00	
Eckerson, T. F., assistant	132.50	
Ferrall, J. A., clerk	96.67	
Greenbaum, L., clerk	36.67	
Hudson, E. W., special agent	120.00	
Keese, S. L., assistant	487.50	
Lutman, B. F., special agent	22.00	
Mason, S. C., arboriculturist	1,170.84	
McQuinn, H. L., clerk	375.00	
Mead, D. V., out of service	83.33	
Savage, F. M., special agent	106.50	
Smith, Leroy M., laboratory aid	220.00	
Smith, W. A., carpenter	101.50	
Swingle, W. T., physiologist in charge	2,750.00	
		7,952.51
Total salaries		8,952.51
Field work: Cooperation with experiment stations and private growers, inspection of experimental fields, and necessary travel		2,448.50
Miscellaneous: Field and laboratory supplies, stationery, office fixtures, apparatus, etc		2,905.00
Total expenditures		14,306.01

Authority (Digest of Appropriations, pp. 429–430): * * * "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; * * * to study plant physiology in relation to crop production; to originate and

improve crops by breeding and selection; * * * to carry on special investigations of the conditions of grain production * * * and the means of improving the same; * * * to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses;" * * * miscellaneous expenses, "and for all other necessary expenses * * * ."

(C) Soil bacteriology and water purification.

Outline of work:	Allotment.
(1) Experiments with nitrogen-fixing bacteria. The work consists of the distribution of pure liquid cultures of nitrogen-fixing bacteria for inoculating leguminous plants, and the study of the conditions under which the nodule-forming bacteria are unable to form nodules, and the breeding of soil bacteria of more virile types	$9,336.00
(2) Water purification investigations. This includes demonstration work on the copper treatment to eradicate algæ from water supplies; a study of the effect of copper in the purification of oyster beds; the effect of copper upon fish and fish eggs, in cooperation with the Fish Commission; the use of copper in disinfecting water supplies; the copper treatment of sewage in connection with the problem of sewage disposal	4,500.00
Statutory salaries	2,100.00
Total allotment	15,936.00

Expended as follows:

Salaries (statutory roll):		
Maxwell, G. R., laborer	$900.00	
Woolverton, Pearl, clerk	1,166.66	
		2,066.66
Salaries (lump-fund roll):		
Beckwith, T. D., scientific assistant	1,200.00	
Fawcett, Edna H., scientific assistant	960.00	
Goll, F. L., special agent	1,100.00	
Hibbard, R. P., scientific assistant	825.00	
Hoover, C. P., special agent	500.00	
Jones, J. W., laborer	390.00	
Kellerman, K. F., physiologist	1,800.00	
Kellerman, W. A., collaborator	75.00	
Kimberly, A. E., collaborator	77.00	
Leonard, L. T., laboratory aid	840.00	
Meadows, J. O., special agent	600.00	
Robinson, T. R., assistant physiologist	1,400.00	
Rowen, J. D., jr., gardener	75.00	
		9,842.00
Total salaries		11,908.66
Fieldwork: Cooperation with experiment stations, municipalities, and others, inspection and experiments with contaminated water supplies, and necessary travel		2,502.67
Miscellaneous: Field and laboratory supplies, stationery and office fixtures, apparatus, etc		1,327.63
Total expenditures		15,738.96

Authority (Digest of Appropriations, p. 430): * * * "To study plant physiology in relation to crop production; * * * to investigate the practical application in agriculture of the fixation of atmospheric nitrogen by bacteria and other micro-organisms in soils and in the root tubercles of leguminous and other plants; to study and find methods for preventing algal and other contaminations of water supplies; * * * for the employment of investigators, local and special agents, * * * clerks, * * *

assistants, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses;" * * * miscellaneous expenses * * * "and for all other necessary expenses * * * ."

(D) Bionomic investigations of tropical and subtropical plants.

Outline of work:	Allotment.
(1) Weevil-resistant cotton investigations, to secure varieties resistant to the boll weevil. (See also under appropriation for "Cotton boll weevil investigations.")	$566.00
(2) South Texas acclimatization investigations: To ascertain the tropical and subtropical capabilities of south Texas and to acclimatize tropical varieties of corn, cotton, beans, etc	1,333.00
(3) Coffee investigations: To determine methods of culture best adapted to our tropical islands	950.00
(4) Rubber investigations: To ascertain the conditions, cultural methods, and agricultural possibilities of rubber culture and how to improve the quality of the product	1,450.25
(5) Tropical corn investigations: To secure varieties adapted to our tropical territory and to the subtropical Gulf regions and the arid West, where corn is not grown or is a precarious crop	1,032.50
(6) Cacao investigations: To determine the botanical sources of commercial cacao and the adaptability of its culture to drier and more healthful regions, as in Porto Rico, Hawaii, and the Philippines	992.00
(7) Banana investigations: To determine the essential factors for the commercial production of bananas and the most desirable species for cultivation in our own territory, including the United States proper	992.00
(8) Bionomic studies of agricultural plants indigenous in tropical America: To ascertain the varietal specializations which exist in cultivated tropical plants, such as beans, potatoes, etc	784.00
Total allotment	8,099.00

Expended as follows:

Salaries (lump-fund roll):		
Collins, G. N., assistant botanist	$1,350.00	
Cook, O. F., bionomist in charge	2,177.08	
Lewton, F. L., scientific assistant	1,066.66	
Razall, J. J., expert	440.00	
		5,033.74
Field work: Cooperation with experiment stations and private growers, inspection of experimental plantings, necessary travel, etc		2,126.92
Miscellaneous: Field and laboratory supplies, stationery and office fixtures, apparatus, etc		746.49
Total expenditures		7,907.15

Authority (Digest of Appropriations, p. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; * * * to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses;" * * * miscellaneous expenses, * * * "and for all other necessary expenses * * * ."

(E) Drug and poisonous plant and tea culture investigations.

Outline of work:	Allotment.
Drug plants:	
(1) Morphine production from poppy capsules, to ascertain the practicability of obtaining morphine from the dried capsule walls	$2,503.35
(2) Camphor cultivation and utilization, to ascertain the practicability of growing camphor commercially in this country	2,590.67
(3) Lemon curing investigations, to ascertain the cause of the poor keeping qualities of American lemons and to remove it	1,660.00
(4) American hop investigations, to ascertain to what extent the good and bad qualities of American hops are due to methods of growing, curing, etc	3,025.00
(5) Drug plant tests at Washington, to ascertain the best methods of handling foreign and domestic drug plants	2,467.00
(6) Burlington, Vt., Drug Testing Garden	1,402.66
(7) Pierce, Tex., Drug Testing Garden	46.66
(8) Ebenezer, S. C., Drug Testing Garden	1,654.66
Poisonous plants:	
(1) Investigation of the Loco weed disease, in field and laboratory. Feeding experiments on range and in corrals	7,365.00
(2) Mistletoe investigations, to ascertain the physiological properties of mistletoe with reference to its poisonous action and possible value as a remedy in stock poisoning	1,039.00
(3) Investigation of the poisonous action of death camas, and the best methods of overcoming it	1,039.00
(4) Investigation of the poisonous action of mountain laurel, and means of overcoming it	1,039.00
Tea culture:	
(1) Investigation of the aromatic constituents of tea, to determine their sources by chemical laboratory studies	850.00
(2) Summerville, S. C., tea gardens	1,490.00
(3) Rantoules tea project, at Tea, S. C., to demonstrate the possibility of growing tea commercially on the rice lands of South Carolina	1,786.00
(4) Pierce, Tex., tea gardens	3,119.00
Statutory salaries	4,410.83
Total allotment	37,487.83

Expended as follows:

Salaries (statutory roll):		
Benner, H. A., clerk	$1,400.00	
Henkel, Alice, clerk	1,600.00	
Hicks, Elva E., clerk	1,200.00	
Kelly, J. W., skilled laborer	210.83	
		4,410.83
Salaries (lump-fund roll):		
Bryant, Ernest, unskilled laborer	420.00	
Clark, F. W., special agent	1,000.00	
Clark, W. R., unskilled laborer	15.00	
Clawson, A. B., expert in poisonous plant investigations	115.00	
Crawford, A. C., pharmacologist	1,800.00	
Dixon, W. D., teamster	200.00	
Ellis, Frank, unskilled laborer	40.00	
Gadsden, E. H., collaborator	116.67	
Hardenstein, F. P., skilled laborer	191.67	
Hood, S. C., scientific assistant	860.00	
Kelly, J. W., skilled laborer	408.33	
Klugh, G. F., scientific assistant	1,100.00	
Kremers, Edward, expert (3 months)	609.00	
Marcey, Calvin, laborer	200.00	
Marsh, C. D., expert	1,800.00	

(*E*) *Drug and poisonous plant and tea culture investigations*—Continued.

Salaries (lump-fund roll)—Continued.		
Marsh, H., special field agent in poisonous plant investigations	$94.00	
Mitchell, G. F., scientific assistant	1,083.33	
Pershing, Henry, laborer	475.00	
Rabak, Frank, expert	930.00	
Richtmann, W. O., expert	1,125.00	
Snellings, C. B., laboratory assistant	750.00	
Stockberger, W. W., expert	1,600.00	
Sturtevant, L. B., expert	100.00	
True, R. H., physiologist in charge	2,750.00	
Turner, M. L., laboratory helper	406.00	
Young, T. B., scientific assistant	1,083.33	
		$19,272.33
Total salaries		23,683.16
Field work: Cooperation with experiment stations and private growers, inspection of experimental plantings, necessary travel, etc		7,024.99
Miscellaneous: Field and laboratory supplies, apparatus, machinery, etc		6,625.20
Total expenditures		37,333.35

Authority (Digest of Appropriations, p. 429–430): "To investigate * * * drug, medicinal, poisonous. * * * and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; * * * to study plant physiology in relation to crop production; * * * to investigate and report on the cost of making tea and the best methods of cultivating and preparing the same for market; * * * to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student or scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses;" * * * miscellaneous expenses, * * * "and for all other necessary expenses" * * *.

(*F*) *Physical laboratory.*

Outline of work:	Allotment.
(1) Physical investigation. In connection with the laboratory work conducted by the various branches of the Bureau it has been found necessary to have accurate physical measurements of various conditions determined, for which purpose the physical laboratory was established	$8,000.00
(2) Cooperation with plant breeding investigations. In the work of breeding alkali and drought resistant plants the physical laboratory is developing apparatus and assisting in making exact measurements of the alkali and water existing in various soils, in order to determine the relation of concentration of alkali salts to plant growth and the exact limits of drought resistance	2,000.00
(3) Electrical investigations. At the Arlington farm on the study of electrical currents in relation to their effect upon the growth of plants	500.00
(4) Investigations of moisture content of grains developing apparatus for the more rapid determination of the moisture content of grain in cars for use of grain inspectors	500.00
(5) Cooperation with dry land agriculture investigations, for the purpose of developing apparatus for use in experiments in dry land agriculture	1,580.00
Statutory salaries	327.00
Total allotment	12,907.00

(*F*) *Physical laboratory*—Continued.

Expended as follows:

Salaries (statutory roll):		
Winkler, J. H., messenger boy		$327.00
Salaries (lump fund roll):		
Belz, J. O., assistant	$1,441.67	
Briggs, L. J., physicist in charge	2,500.00	
McLane, J. W., assistant	1,000.00	
Neilson, C. W. C., cabinet maker	129.50	
Pearce, Julia, laboratory assistant	1,186.67	
Seifriz, Wm., laboratory apprentice	21.00	
Wheeler, B. C., mechanician	916.67	
		7,195.51
Total salaries		7,522.51
Field work: Cooperative work in the field, inspection of experimental plantings, testing of apparatus, and necessary travel		1,369.05
Miscellaneous: Laboratory and office supplies, fixtures and apparatus, machinery, etc		3,537.93
Total expenditures		12,429.49

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; * * * to study plant physiology in relation to crop production; * * * to investigate and encourage the adoption of improved methods of farm management and farm practice; * * * to carry on special investigations of the conditions of grain production, handling, grading, and transit; * * * for the employment of investigators, local and special agents, * * * experts, clerks, * * * assistants, * * * mechanics, and all other labor and scientific assistance required for conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses; for telegraph and telephone service; for gas and electric current; * * * for the purchase of chemicals, materials, office, field, and laboratory supplies; * * * office fixtures, fuel apparatus, machinery, tools, and other implements, and repairs to same; * * * and for all other necessary expenses * * * ."

IV. Taxonomic Investigations.

(*A*) *Systematic botany and economic collections.*

Outline of work:	Allotment.
(1) Investigation of plants used by the American aborigines; plants, with information as to names and uses by the Indians are secured, identified and data recorded	$2,800.00
(2) Preparation of an authoritative manual of the flora of Alaska	1,742.00
(3) Herbarium of cultivated plants; collection, identification, and preservation in permanent form of cultivated and economic plants	2,872.00
(4) Preparation of a manual of American grasses, containing authentic information regarding the same	7,400.00
(5) Collating and editing notes of Dr. Edward Palmer on economic plants, containing accurate information as to the identity, distribution, and general characters of the Mexican plants studied in the field by Doctor Palmer	2,872.00
(6) Preparation of a catalogue of the literature of botany in the various Government libraries in Washington	301.67
(7) A study of the lichens of California, being a systematic study of the lichen flora of the Santa Rosa Mountains	723.00
Statutory salaries	8,620.00
Total allotment	27,330.00

(*A*) *Systematic botany and economic collections*—Continued.

Expended as follows:

Salaries (statutory roll):		
Atwood, Alice G., clerk	$966.67	
Chase, Agnes, artist	840.00	
Disney, R. H., watchman	600.00	
Fraile, Manuel, gardener	720.00	
Hungerford, H. F., messenger	640.00	
Johnston, Gertrude M., clerk	786.67	
McClure, Mary M., clerk	1,370.84	
Scanlon, Patrick, fireman	720.00	
Tidestrom, Ivar, scientific assistant	416.66	
Warner, Marjorie F., clerk	1,200.00	
		$8,261.67
Salaries (lump-fund roll):		
Coville, F. V., botanist in charge	3,000.00	
Dewey, L. H., botanist	1,250.00	
Hebron, Ida, charwoman	480.00	
Hitchcock, A. S., agrostologist	2,500.00	
Jamieson, Annie, charwoman	480.00	
Johnson, Marie, charwoman	480.00	
Mills, W. H., laborer	30.00	
Pierce, J. F., messenger	450.67	
Ricker, P. L., scientific assistant	1,300.00	
Safford, W. E., assistant curator	1,683.33	
Tibbett, Allen, skilled laborer	315.00	
Tidestrom, Ivar, scientific assistant	583.34	
Wight, W. F., assistant botanist	1,683.33	
		14,235.67
Total salaries		22,497.34
Field work: Collection of plants and inspection of experimental plantings in the field, and necessary travel		2,347.21
Miscellaneous: Office and laboratory supplies and miscellaneous expenses		2,097.50
Total expenditures		26,942.05

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers: * * * to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. * * * For collating, mapping, illustrating, digesting, printing, reporting, publishing, and disseminating information on the results of these investigations and experiments. * * * For actual and necessary traveling expenses: * * * miscellaneous expenses, * * * and for all other necessary expenses * * *."

(*B*) *Fiber plant investigations.*

Outline of work:	Allotment.
(1) Hemp investigations, to increase its production in the United States by the introduction and development of improved varieties	$900.00
(2) Flax investigations, to secure as full information as possible regarding methods now used in growing flax and preparing the fiber	800.00
(3) Ramie investigations, to ascertain whether this plant is a profitable one for farmers of the South	1,000.00
(4) Zapupe investigations, to determine whether it is desirable to introduce this fiber plant into Porto Rico, Hawaii, or southern California	1,100.00
(5) Classification of cotton varieties	1,200.00
Statutory salaries	1,580.00
Total allotment	8,580.00

(*B*) *Fiber plant investigations*—Continued.

Expended as follows:

Salaries (statutory roll):		
Grant, C. V., clerk	$1,200.00	
Johnston, G. M., clerk	180.00	
Tyler, F. J., clerk	200.00	
		$1,580.00
Salaries (lump-fund roll):		
Dewey, L. H., botanist in charge	1,250.00	
Goodloe, Lucille, laboratory aid	288.34	
Tyler, F. J., assistant botanist	1,000.00	
		2,538.34
Total salaries		4,118.34
Field work: Cooperation with experiment stations and practical farmers, collection of plants, inspection of experimental plantings, and necessary travel		745.01
Miscellaneous: Office and laboratory supplies and apparatus, miscellaneous expenses, etc		841.53
Total expenditures		5,704.88

Authority (Digest of Appropriations, p. 429–430): "To investigate * * * fiber, and other plants and plant industries, * * * for the employment of investigators, * * * and all other labor and scientific assistance required for conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses," * * * miscellaneous expenses, * * * "and for all other necessary expenses * * *."

V. Agronomic Investigations.

(*A*) *Farm management.*

Outline of work:	Allotment.
(1) Farm management districts, of which seven have been organized, the following types of investigation being conducted: Determination of the types of farming prevailing in each district, the types giving the best results, and the relation of the various types to local conditions of soil, climate, markets, labor, etc.; cropping systems in vogue on different farms of the same and of different types; the relation of individual crops to local conditions; methods used in the production and utilization of individual crops; dates when crops may be planted and when they are available for use for different purposes when planted at a particular time; a detailed study of the system of management on particular farms on which important problems have been solved. Districts: No. 1. North Carolina, South Carolina, Georgia, and Florida; No. 2. Alabama, Mississippi, and Tennessee; No. 3. Louisiana, Arkansas, and Missouri; No. 4. Texas; No. 5. New York and the New England States; No. 6. Oregon, Washington, and Idaho; No. 7. Oklahoma, Kansas, Nebraska, and eastern Colorado...	$12,834.15
(2) Cactus investigations, to determine the value of the prickly pear and other species as a stock feed	1,960.00
(3) Range investigations, to determine the best methods of range management, carrying capacity of ranges, etc	3,375.00
(4) Crop problems, including the study of farm practice in the cultivation of potatoes, in the production of small grains, corn, and hay; the diversification of crops on rice lands; farm practice with peas, beans, cowpeas, soy beans, sorghums, millets, etc.; forage crops for the Gulf coast region; cassava varieties; the extermination of weeds; winter cover crops for the South; soiling systems, silage practice, etc	6,442.65
(5) Study of farm practice on stock farms, including the production of forage for beef cattle, sheep, and hogs	1,827.50

(*A*) *Farm management*—Continued.

		Allotment.
Outline of work—Continued.		
(6) Soil problems, including methods of maintaining fertility, the relation of types of farming to fertility, study of methods of tillage, and the relation of soil types to crops, tillage, fertilizers, etc		$3,185.3
(7) Study of the business side of farming, including a detailed study of business methods on successful farms, forms for keeping farm accounts and farm records, etc		1,516.6
(8) Agricultural surveys, to determine crops best adapted to different sections, methods of marketing, types of farming, etc		1,350.0
Statutory salaries		11,280.0
Total allotment		43,771.3
Expended as follows:		
Salaries (statutory roll):		
Baglev, Minnie H., clerk	$937.51	
Ball, W. A., clerk	1,366.67	
Barber, Ellis E., messenger	395.00	
Church, Lillian, clerk	583.33	
Lee, W. C., clerk	736.67	
McDonnell, Emily E., clerk	1,200.00	
Ruark, A. A., photographer	900.00	
Tyler, Clara H., clerk	800.00	
Wasner, W. H., clerk	137.50	
		7,056.68
Salaries (lump-fund roll):		
Allen, Rudolph, collaborator	166.67	
Allison, F. G., special agent	152.50	
Barber, Ellis E., clerk	100.00	
Carrier, Lyman, assistant agriculturist	823.33	
Cates, J. S., scientific assistant	250.00	
Cotton, J. S., scientific assistant	1,387.50	
Doane, D. H., special agent	145.11	
Dodge, L. G., assistant agriculturist	740.00	
Drake, J. A., assistant agriculturist	948.89	
Duggan, J. F., special agent	25.00	
Easterbrook, H., special agent	283.33	
Forbes, R. H., collaborator	300.00	
Froley, J. W., expert assistant	239.99	
Gay, Juanita, special agent	30.00	
Garman, Harrison, special agent	428.00	
Griffiths, David, assistant agriculturist	2,000.00	
Hammell, S. K., unskilled laborer	20.00	
Hare, R. F., special agent	400.00	
Hechler, C. H., special agent	630.00	
Heller, C. S., scientific assistant	49.33	
Heringa, Edward, special agent	106.67	
Hoke, C. A., special agent	41.67	
Hunter, Byron, assistant agriculturist	1,400.00	
Iddings, E. J., special agent	108.33	
King, F. G., special agent	210.00	
McCleary, W. B., fence rider	300.00	
McClelland, C. K., assistant agriculturist	300.00	
McClure, H. B., scientific assistant	791.67	
Miller, H. A., assistant agriculturist	1,050.00	
Oakley, R. A., assistant agriculturist	216.67	
Peck, W. A., scientific assistant	750.00	
Quinn, C. E., scientific assistant	833.33	
Richardson, F. E., special agent	200.00	
Sinclair, William, special agent	135.00	
Skippon, C. D., messenger boy	270.00	
Smith, A. J., painter	35.00	
Smith, C. B., scientific assistant	500.00	
Smith, Marie C., charwoman	480.00	
Spillman, W. J., agriculturist in charge	2,750.00	

(*A*) *Farm management*—Continued.

Salaries (lump-fund roll)—Continued.		
Thompson, H. C., laboratory aid	$270.83	
Warren, J. A., assistant agriculturist	800.00	
Wooten, E. O., collaborator	25.00	
		$20,693.82
Total salaries		27,750.50
Field work: Cooperation with experiment stations and practical farmers, inspection of experimental fields, and necessary travel, etc		13,675.15
Miscellaneous: Office and laboratory supplies, fixtures, apparatus, and miscellaneous expenses		1,726.90
Total expenditures		43,152.55

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, * * * and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; * * * to study plant physiology in relation to crop production; * * * to investigate and encourage the adoption of improved methods of farm management and farm practice; to investigate the feeding value of farm crops and the use of fertilizers; * * * for the employment of investigators, local and special agents, * * * experts, clerks, illustrators, assistants, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses," * * * miscellaneous expenses, * * * "and for all other necessary expenses * * *."

(*B*) *Grain investigations.*

Outline of work:	Allotment.
(1) Investigation of grain rusts and smuts	$2,820.00
(2) Improvement of winter grains for the South, including adaptation experiments with different winter grains, chiefly in Tennessee	1,675.00
(3) Grain experiments in the Panhandle of Texas, including adaptation experiments with drought resistant grains, principally at Amarillo	1,880.00
(4) Investigation of sorghum varieties, and their adaptations, in Texas, Kansas, and California, to determine and describe the varieties of domestic and imported sorghums	2,740.00
(5) Improvement of barley for the Northwest, adaptation and selection work to secure better yielding varieties of better quality than those now in use; work is conducted in cooperation with the State experiment stations of North Dakota, South Dakota, Minnesota, and Wisconsin	3,290.00
(6) Improvement of oats in the Northwest, adaptation and breeding work in Wisconsin, North Dakota, South Dakota, Kansas, Nebraska, and Iowa, to secure better yielding varieties and of better quality than those now in use	3,885.00
(7) Introduction of winter barley in the North	1,140.00
(8) Introduction of emmer, a crop of value as stock feed, adapted to semiarid regions	822.50
(9) Introduction of Russian proso (millet) in semiarid districts	822.50
(10) A study of all rice varieties, including experiments with fertilizers, methods of cultivation, etc., in cooperation with the Louisiana Experiment Station	1,570.00
(11) Experiments with durum wheat, with a view to growing pure types of the best varieties	4,070.00
(12) Wheat breeding, to develop varieties having better yield, rust resistance, earliness, etc	1,150.00
(13) Winter wheat extension, through the development of hardier varieties of the introduction of the same	1,140.00
(14) Wheat improvement in California, in cooperation with the California Experiment Station	1,040.00
(15) Improvement of hard spring wheat in the Northwest, by breeding work conducted in Minnesota and North Dakota	680.00

(*B*) *Grain investigations*—Continued.

		Allotment
Outline of work—Continued.		
(16) A study of the proteids of wheat, to secure more accurate knowledge of the nature of wheat gluten and the milling and baking qualities of different wheats		$2,865.00
(17) A study of the effect of environment on the quality of wheat and other grains, in cooperation with the Bureau of Chemistry		410.00
Statutory salaries		2,300.00
Total allotment		34,300.00
Expended as follows:		
Salaries (statutory roll):		
Austin, Ella M., clerk	$900.00	
Kinney, Anna H. B., clerk	1,400.00	
		2,300.00
Salaries (lump fund roll):		
Alexander, C. L., special agent	600.00	
Avery, Lloyd, laborer	90.42	
Ball, C. R., pathologist	1,800.00	
Balz, Sylvester, special agent	215.00	
Baldwin, R. M., messenger	68.33	
Blanchard, H. F., scientific assistant	1,100.00	
Bull, C. P., special agent	200.00	
Carleton, M. A., cerealist in charge	2,750.00	
Carlyle, Alex., scientific assistant	900.00	
Chamberlain, J. S., chemist	1,716.67	
Churchill, O. O., special agent	600.00	
Cole, J. S., collaborator	300.00	
Colliver, A. D., special agent	300.00	
Cory, V. L., scientific assistant	900.00	
Dodson, J. B., special agent	300.00	
Elling, O. H., collaborator	10.00	
Fitz, L. A., scientific assistant	300.00	
Freeman, E. M., pathologist	1,900.00	
Holland, B. B., unskilled laborer	45.00	
Houghton, H. W., scientific assistant	458.33	
Jardine, W. M., agronomist in charge	833.34	
Kolck, Rachel M., clerk	693.00	
Leidigh, A. H., scientific assistant	1,258.33	
McQueen, L., clerk	292.50	
Miller, H. O., assistant agriculturist	300.00	
Mooers, C. A., special agent	800.00	
Morrison, G. W., clerk	5.56	
Ney, H. E., scientific assistant	600.00	
Post, Arthur, unskilled laborer	16.33	
Reed, L. L., laborer	157.50	
Salmon, Cecil, special agent	300.00	
Scott, J. T., special agent	540.00	
Shaw, G. W., collaborator	200.00	
Shepperd, J. H., collaborator	300.00	
Snyder, W. P., collaborator	12.00	
Stabler, A. L., collaborator	200.00	
Stone, A. L., special agent	660.00	
Thompson, O. A., scientific assistant	900.00	
Townsend, K. H., messenger boy	213.33	
Umberger, H. J. C., scientific assistant	800.00	
Warburton, C. W., assistant agronomist	533.34	
Willard, J. T., collaborator	12.00	
Wilson, A. D., special agent	400.00	
Worthen, G. C., clerk	165.00	
		24,745.98
Total salaries		27,045.98
Field work: Cooperation with experiment stations and practical farmers, experimental plantings and inspection of same, necessary travel, etc.		5,839.37
Miscellaneous: Office, field, and laboratory supplies, fixtures, and apparatus, and miscellaneous expenses		1,186.66
Total expenditures		34,072.01

(*B*) *Grain investigations*—Continued.

Authority (Digest of Appropriations, pp. 429–430): "To investigate * * * grain, * * * grasses, forage, * * * and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; * * * to carry on special investigations of the conditions of grain production, * * * and of the means of improving the same; to cultivate and care for experimental gardens and grounds; * * * to collect, purchase, * * * propagate, test, and experiment with rare new seeds, * * * and plants; for the employment of investigators, local and special agents, * * * experts, clerks, * * * assistants, student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere. * * * For actual and necessary traveling expenses;" * * * miscellaneous expenses, * * * "and for all other necessary expenses." * * *

(*C*) *Arlington experimental farm.*

Outline of work:	Allotment.
(1) Arlington experimental farm, a field laboratory for the various Bureaus and offices of the Department. Consists of 500 acres, equipped with buildings, teams, tools, etc., for carrying on experiments	$21,000.00
(2) Truck crop investigations along the Atlantic coast. Adaptation of truck crops to rice lands, improvement and introduction of new varieties, and problems involved in marketing produce	5,535.00
Statutory salaries	4,060.00
Total allotment	30,595.00

Expended as follows:

Salaries (statutory roll):		
Caruthers, R. P., clerk	$1,200.00	
Franklin, C. D., skilled laborer	600.00	
Hull, W. S., watchman	100.00	
Lynn, T. H., unskilled laborer	55.00	
Sawyer, A. M., clerk	41.67	
Shear, W. V., clerk	247.50	
Syphax, R. E., watchman	35.00	
Ware, Bessie G., clerk	1,000.00	
		3,279.17
Salaries (lump-fund roll):		
Allen, Tibbett, laborer	225.00	
Beattie, W. R., assistant horticulturist	1,600.00	
Butterfield, E. C., assistant horticulturist	1,500.00	
Clinkett, Isaac, laborer	540.00	
Cookman, B. C., skilled laborer	394.00	
Copland, H. F., fireman	69.75	
Corbett, L. C., horticulturist in charge	3,000.00	
Davis, Ira, unskilled laborer	461.25	
Douglass, M., skilled laborer	40.50	
Dixon, W. D., skilled laborer	400.00	
Elsner, E. C., carpenter	155.00	
Furr, H., unskilled laborer	54.00	
Garrett, W. A., unskilled laborer	24.75	
Garrott, W. J., laborer	101.67	
Glasson, E. J., expert	400.00	
Gordon, J. C., laborer	540.00	
Gloss, H. D., carpenter	446.00	
Gray, L. C., laborer	517.50	
Hume, E., unskilled laborer	94.50	
Kendall, Jos., unskilled laborer	79.50	
Lynn, T. H., unskilled laborer	40.50	
Marcey, Calvin, laborer	400.00	

(*C*) *Arlington experimental farm*—Continued.

Salaries (lump-fund roll)—Continued.		Allotment.
Marcey, F. L., unskilled laborer	$279.00	
Marcey, Theodore, unskilled laborer	459.00	
Milstead, J. I., skilled laborer	670.00	
Murray, Maurice, unskilled laborer	100.50	
Payne, H. S., unskilled laborer	389.25	
Phillips, J. G., skilled laborer	67.50	
Poole, C. M., carpenter	65.00	
Priest, A. C., teamster	225.00	
Shear, W. V., scientific assistant	547.67	
Smith, W. W., expert	1,500.00	
Studds, Wm., unskilled laborer	468.00	
Willis, W. E., skilled laborer	720.00	
Zoellner, C. G., unskilled laborer	97.50	
Zoellner, H. G., skilled laborer	720.00	
		$17,392.34
Total salaries		20,671.51
Field work: Cooperation with practical farmers, cultivation and inspection of experimental fields, and necessary travel		1,635.20
Miscellaneous: Office, field, and laboratory supplies and material, office fixtures, apparatus, machinery, tools, implements, repairs to same, feed for teams, etc		7,404.13
Total expenditures		29,710.84

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers: to study plant and orchard diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; * * * to investigate the feeding value of farm crops and the use of fertilizers; * * * to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses; to enable the Secretary of Agriculture to continue the necessary improvements to establish and maintain a general experimental farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighteenth, nineteen hundred; * * * to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, * * * experts, clerks, * * * assistants, student and scientific aids, foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses;" * * * "miscellaneous expenses, * * * "and for all other necessary expenses * * *."

(*D*) *Sugar-beet investigations.*

Outline of work:	Allotment.
(1) Investigation of production of domestic sugar from sugar beets, conducted by Mr. Charles F. Saylor, for the purpose of securing complete information regarding the development and condition of the industry in the United States	$4,400.00
(2) Commercial production of sugar-beet seed, conducted in cooperation with the office of seed and plant introduction and distribution, with a view to encouraging the production of sugar-beet seed in the United States	1,800.00
(3) Single-germ beet seed: Selection and breeding to eliminate multiple-germ seed and to increase the production of single-germ seed, in order to effect a great saving of hand labor in the cultivation of sugar beets	3,621.00
(4) Leaf spot disease of sugar beet: A study of the life history of the fungus and its time and method of attack and means of control	708.00
(5) Curley-top disease of sugar beet: Investigation of cause and means of controlling the disease	878.00

(*D*) *Sugar-beet investigations*—Continued.

Outline of work—Continued.		Allotment.
(6) Effect of fertilizers upon sugar beets		$628.00
(7) Siloing sugar beets: Experiments with a view to overcoming the special difficulties encountered in siloing sugar beets		893.00
(8) Improvement of cultural methods in growing sugar beets, including investigation of time and method of preparing the seed bed, width of row, subsoiling, etc., in order to lessen cost of production and increase yield of sugar beets		783.00
(9) Selection of sugar beets for alkali and drought resistance, conducted in cooperation with the Laboratory of Plant Breeding		1,566.00
(10) Selection of sugar beets for increased tonnage and superior quality		668.00
(11) Selection of sugar beets for early maturity		439.00
(12) Fungi infesting stored sugar		532.00
(13) Miscellaneous diseases of plants grown in connection with sugar beets, such as lettuce, red clover, spinach, alfalfa, and the cultivated daisy		584.00
Statutory salaries		1,840.00
Total allotment		19,340.00
Expended as follows:		
Salaries (statutory roll):		
Bissett, David, gardener	$1,000.00	
Gardner, Edith, clerk	199.33	
Howell, Edna D., clerk	595.00	
Rittue, E. C., gardener	791.67	
		2,586.00
Salaries (lump-fund roll):		
Brown, Nellie A., scientific assistant	781.33	
Chesnut, V. R., special agent	165.00	
Churchill, G. W., collaborator	200.00	
Haskins, A. C., scientific assistant	40.00	
Middleton, J. W., unskilled laborer	100.00	
Naylor, F. P., carpenter	189.00	
Reed, J. F., special agent	1,037.50	
Rittue, E. C., gardener	291.67	
Rowen, J. D., jr., gardener	75.00	
Saylor, C. F., special agent	2,700.00	
Schaefer, J. E., scientific assistant	160.00	
Shaw, H. B., scientific assistant	58.33	
Townsend, C. O., pathologist in charge	2,500.00	
Wallace, Mrs. A. E., unskilled laborer	240.00	
Wood, H. S., painter	35.00	
		8,572.83
Total salaries		11,158.83
Field work: Cooperation with experiment stations and practical farmers, cultivation and inspection of experimental fields, necessary travel, etc.		7,180.26
Miscellaneous: Office, field, and laboratory supplies, fixtures and apparatus, etc		916.13
Total expenditures		19,255.22

Authority (Digest of Appropriations, pp. 429–430): "To investigate * * * vegetables, * * * and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant * * * diseases and demonstrate the treatment of same; to study plant physiology in relation to crop production; to originate and improve crops by breeding and selection; to investigate the feeding value of farm crops and the use of fertilizers; * * * to investigate and develop the domestic production of sugar-beet seed and the best methods of increasing the tonnage of sugar beets; to continue inquiry and ascertain the progress made in the production of domestic sugar from beets and sorghum and other sugar-producing plants; * * * for the employment of investigators, local and special agents, * * * experts, clerks, * * * student or scientific aids, * * * and for all other labor and scientific assistance required

in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses;" * * * miscellaneous expenses * * * "and for all other necessary expenses * * *."

(E) Western agricultural extension.

Outline of work:	Allotment.
(1) Truckee-Carson Experiment Station; experimental trials are conducted on land reserved for the purpose by the Reclamation Service to ascertain the field and forage crops best adapted to the conditions on this irrigation project	$4,470.00
(2) Yuma Experiment Station; at this Station experiments are carried on with high-priced crops with intensive tillage to demonstrate how best to utilize the high-priced land which is now being put under irrigation by the Government	4,550.00
(3) San Antonio experiment farm; at this station investigations are in progress as to moisture conservation, tillage, and rotation of crops, with a view to extending dry-land agriculture in this semiarid region	600.00
Statutory salaries	1,480.00
Total allotment	11,100.00

Expended as follows:

Salaries (statutory roll):		
Bailey, R. V., clerk	$1,000.00	
Taylor, J. A., messenger	445.00	
		1,445.00
Salaries (lump-fund roll):		
McCord, J. N., unskilled laborer	52.88	
Peterson, W. A., special agent	800.00	
Rogers, Shober, farm superintendent	621.46	
Scofield, C. S., agriculturist in charge	1,781.25	
Swesey, A. C., unskilled laborer	387.20	
Toler, J. I., unskilled laborer	62.50	
		3,705.29
Total salaries		5,150.29
Field work: Cooperation with experiment stations, the Reclamation Service, and practical farmers, inspection of experimental fields, and necessary travel		4,622.79
Miscellaneous: Office, field, and laboratory supplies, apparatus, machinery, etc		867.74
Total expenditures		10,640.82

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; * * * to study plant physiology in relation to crop production; * * * to investigate and encourage the adoption of improved methods of farm management and farm practice; * * * to cultivate and care for experimental gardens and grounds; * * * for the employment of investigators, local and special agents, * * * experts, clerks, * * * student or scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses;" * * * miscellaneous expenses, * * * "and for all other necessary expenses * * *."

(F) Dry-land agriculture.

Outline of work:	Allotment.
(1) Dickinson project, in southwestern North Dakota; (2) Edgely project, in southeastern North Dakota; (3) Highmore project, in northern South Dakota; (4) Belle Fourche project, in northwestern South Dakota; (5) North Platte project, in Nebraska; (6) Hays project, in northern Kansas; (7) Garden City project, in southwestern Kansas; (8) Amarillo project, in the Texas Panhandle	$13,524.50

(*F*) *Dry-land agriculture*—Continued.

Outline of work—Continued.

At these stations the problem of moisture and humus conservation, crop rotations, and methods of farm management are under investigation with a view to determining the best means of successfully growing crops under semiarid conditions.

	Allotment.
Statutory salaries	$1,000.00
Total allotment	14,524.50

Expended as follows:

Salaries (statutory roll):		
Andrews, B. M., clerk	$70.00	
Coit, Jennie L., clerk	880.00	
		950.00
Salaries (lump-fund roll):		
Balz, S., special agent	590.00	
Burr, W. W., special agent	720.00	
Chilcott, E. C., agriculturist in charge	2,750.00	
Chilcott, E. F., special agent	720.00	
Grace, O. J., special agent	180.00	
Hazen, L. E., special agent	690.00	
Kennard, F. L., special agent	548.00	
Payne, J. E., special agent	900.00	
Stone, A. L., special agent	60.00	
Sullivan, Wm., unskilled laborer	290.50	
Waldron, L. R., special agent	300.00	
		7,748.50
Total salaries		8,698.50
Field work: Cooperation with State experiment stations and practical farmers, inspection of experimental fields, and necessary travel		4,173.52
Miscellaneous: Office, field, and laboratory supplies and apparatus, miscellaneous expenses, etc		1,083.18
Total expenditures		13,955.20

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; * * * study plant physiology in relation to crop production; * * * to investigate and encourage the adoption of improved methods of farm management and farm practice; * * * to carry on special investigations of the conditions of grain production, * * * and the means of improving the same; * * * to cultivate and care for experimental gardens and grounds, * * * for the employment of investigators, local and special agents, * * * experts, clerks, * * * student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * For actual and necessary traveling expenses; * * *" miscellaneous expenses, * * * "and for all other necessary expenses."

VI. Horticultural Investigations.

(*A*) *Pomological collections.*

Outline of work:	Allotment.
(1) Collection and dissemination of information relating to the fruit industry, the culture and care of orchards, and the selection of varieties of fruits adapted to various localities	$3,100.00
(2) Simplification and purification of fruit nomenclature; to prevent losses experienced by orchard planters through the use by nurserymen in the various sections of the country of different names for the same variety	2,200.00
(3) Cooperative experimental orchard on the Arlington Farm; to establish the identity of varieties and to disseminate scions of valuable sorts	2,083.68

(A) *Pomological collections*—Continued.

Outline of work—Continued.		Allotment.
(4) Modeling and painting of fruits, reproducing fruits, especially rare and little known varieties, by means of wax and water colors		$100.00
Statutory salaries		11,080.00
Total allotment		18,563.68
Expended as follows:		
Salaries (statutory roll):		
Corrick, H. K., messenger	$840.00	
Dodge, Allen, clerk	1,200.00	
Hall, C. L., clerk	341.00	
Herrick, Emma C., clerk	1,200.00	
Huddleson, Sarah M., clerk	1,600.00	
Irwin, William N., clerk	1,600.00	
Lower, E. E., assistant photographer	91.67	
Newton, Amanda A., clerk	1,200.00	
Passmore, Deborah C., clerk	1,400.00	
Scutt, Ellen I., clerk	1,196.67	
Thomas, Charlotte R., messenger	324.33	
		10,993.67
Salaries (lump-fund roll):		
Brackett, C. B., pomologist in charge	3,000.00	
Cookman, B. C., unskilled laborer	120.00	
Gelletly, Celie, charwoman	540.00	
Gibson, Annie E., charwoman	480.00	
Lower, Elsie E., student assistant	225.00	
Pinkett, J. P., laborer	540.00	
Ragan, W. H., expert	1,600.00	
		6,505.00
Total salaries		17,498.67
Field work: Cooperative work on the Arlington Experimental Farm, inspection of orchards, and necessary travel in connection therewith		73.83
Miscellaneous: Office, field and laboratory supplies and apparatus, and miscellaneous expenses		793.97
Total expenditures		18,366.47

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, * * * and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; * * * to model fruits, vegetables, and other plants, and furnish duplicate models to the experiment stations of the several States, as far as found practicable; * * * to collect, purchase, propagate, test, and experiment with rare new * * * trees, shrubs, vines, cuttings, and plants; for the employment of investigators, * * * and local and special agents, * * * experts, clerks, illustrators, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for collating, mapping, illustrating, digesting, printing, reporting, publishing, and disseminating information on the results of these investigations and experiments. * * * For actual and necessary traveling expenses;" * * * miscellaneous expenses, * * * "and for all other necessary expenses" * * *.

(B) *Field investigations in pomology.*

Outline of work:	Allotment.
(1) Fruit marketing investigations; to determine the best methods of handling and marketing American fruits and vegetables	$6,794.00
(2) Fruit transportation and storage investigations; to determine by shipping and storing quantities under various conditions, the factors which govern the successful shipping and storage of fruit	25,264.50
(3) Fruit district investigations; to ascertain the adaptability of varieties of fruit to different conditions which exist in various fruit-growing sections	4,114.00

(*B*) *Field investigations in pomology*—Continued.

Outline of work—Continued.		Allotment
(4) Miscellaneous problems; investigations of the conditions in which pecan culture can be successfully carried on, especially in the South Atlantic and Gulf States, and a study of the adaptability of peach varieties to conditions in the Southern States		$597.00
(5) Adaptability of resistant grape stocks to soil types and climatic conditions of the Pacific slope; to determine their resistance to phylloxera		1,254.00
(6) Congeniality of vinifera grape varieties to various resistant stocks upon which they must be grafted in regions infested with phylloxera		1,144.00
(7) Adaptability of grape varieties to culture in different vineyard sections		1,515.00
(8) Development of rotundifolia grape culture in the South Atlantic and Gulf States, to determine the best methods of handling in these regions the rotundifolia type of grape, generally known as the Scuppernong		2,016.00
(9) Miscellaneous viticultural problems, including investigations of methods of preparing unfermented grape juice, etc		1,727.78
Statutory salaries		3,272.22
Total allotment		47,698.50
Expended as follows:		
Salaries (statutory roll):		
Gorman, M. J., clerk	$1,200.00	
Hugins, F. A., clerk	1,000.00	
Shepherd, A. C., clerk	1,072.22	
		3,272.22
Salaries (lump-fund roll):		
Ballard, C. L., clerk	115.00	
Butler, O., special agent	75.00	
Brown, W. M., collaborator	5.00	
Cole, E. F., scientific assistant	840.00	
Eustace, H. J., expert	1,350.00	
Fletcher, W. F., scientific assistant	840.00	
Fries, E. M., collaborator	24.00	
Gould, H. P., assistant pomologist	1,800.00	
Hosford, G. W., scientific assistant	1,166.67	
Husmann, F. L., viticultural superintendent	375.00	
Husmann, G. C. F., pomologist	2,000.00	
Johnson, C. W., clerk	184.00	
Jones, K. D., clerk	50.00	
Park, A. V., collaborator	6.00	
Powell, G. H., pomologist in charge	2,750.00	
Rasmussen, A., expert	396.67	
Rea, E. P., clerk	52.50	
Stubenrauch, A. V., expert	2,000.00	
Taylor, W. A., pomologist in charge	2,750.00	
Tenny, L. S., assistant pomologist	1,800.00	
Tournier, A., special agent	308.00	
Wahlgren, M. G., messenger boy	392.00	
White, H. M., scientific assistant	840.00	
		20,119.84
Total salaries		23,392.06
Field work: Cooperation with experiment stations and private growers, inspection work, and necessary travel in connection therewith		15,515.46
Miscellaneous: Office, field, and laboratory supplies, and apparatus, cost of fruit, and expenses connected with experimental shipments		7,809.97
Total expenditures		46,717.49

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, * * * and other plants and plant industries, in cooperation with other branches of the Department, the State experiment stations, and practical farmers; to study plant and orchard diseases and demonstrate the treatment of same; * * * to

model fruits, vegetables, and other plants, and furnish duplicate models to the experiment stations of the several States, as far as found practicable; to investigate the methods of harvesting, packing, storing, and shipping fruits and vegetables within the United States and to foreign countries; to cultivate and care for experimental gardens and grounds, * * * to collect, purchase, propagate, test, and experiment with rare new * * * trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, * * * experts, clerks, * * * student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses; * * * miscellaneous expenses, * * * and for all other necessary expenses. * * * ''

(*C*) *Experimental gardens and grounds.*

	Allotment.
Outline of work: Care and ornamentation of the Department grounds; maintenance of greenhouses for experimental purposes; propagation of plants for Congressional and special distribution; improvement of plants by hybridization and selection; general care of collections of economic plants, etc	$22,370.00
Statutory salaries	22,630.00
Total allotment	45,000.00

Expended as follows:

Salaries (statutory roll):	
Bullen, Harry, gardener	$852.50
Byrnes, E. M., superintendent	1,800.00
Byrnes, J. W., skilled laborer	720.00
Copland, J. H., fireman	408.00
Cutshall, G. W., skilled laborer	660.00
Dawson, J. P., gardener	287.50
Doyle, Lester, laborer	11.50
Dozier, Wm., laborer	22.50
Gauges, J. A., gardener	920.84
Gilliam, John, laborer	22.50
Gloss, H. D., carpenter	164.50
Graner, Mike, gardener	467.50
Green, J. M., laborer	45.00
Hall, G. W., fireman	90.00
Haws, Harry, laborer	15.50
Haws, Henry, fireman	720.00
Haws, W. A., gardener	780.00
Hauser, Ernest, gardener	780.00
Hess, G. W., laborer	9.16
Hofman, K., laborer	68.33
Hutchinson, W., laborer	45.00
Inson, R. F., laborer	17.44
Jackson, W. J., laborer	21.56
Johnson, E., laborer	25.79
Johnson, Samuel, laborer	21.29
Jolliff, J. O., gardener	780.00
Keller, Charles, gardener	900.00
Kerr, J. K., sr., gardener	900.00
Kerr, J. K., jr., plumber	840.00
King, James, laborer	15.00
Kletsch, Ernest, fireman	720.00
Lomaux, A. A., laborer	22.50
Lomaux, George, laborer	22.50
Mergent, Isaac, laborer	18.29
Mitchell, John, laborer	12.75
Montgomery, J. P., laborer	262.50
Murphy, James, laborer	25.50
Murphy, Jessie A., clerk	1,400.00
Olden, J. W., gardener	780.00
Orton, W. S., painter	840.00
Piffer, Henry, laborer	12.00
Ports, F. M., skilled laborer	600.00

(*C*) *Experimental gardens and grounds*—Continued.

alaries (statutory roll)—Continued.		
Prentiss, A. M., messenger	$545.67	
Quinn, James, gardener	175.00	
Robinson, C., laborer	424.50	
Robson, J., laborer	22.50	
Ross, Eugene, laborer	22.50	
Schubert, C. J., plumber	840.00	
Sepsney, W., laborer	17.91	
Simmonds, E., gardener	156.67	
Taliferro, N., laborer	13.50	
Thompson, J. H., watchman	174.17	
Tilley, L. A., laborer	22.12	
Turner, L., laborer	20.16	
Walter, R. B., carpenter	900.00	
Wood, B., laborer	22.04	
		$20,484.19
alaries (lump-fund roll):		
Bissell, B., unskilled laborer	37.50	
Bowman, A., unskilled laborer	13.04	
Bryant, R. A., laborer	720.00	
Calwell, George, laborer	541.18	
Cottam, G. W., gardener	150.00	
Dawson, C. W., laborer	613.33	
Gooch, C. L., student assistant	352.50	
Haws, R., unskilled laborer	15.50	
Hayden, W. H., unskilled laborer	12.00	
Henderson, T., unskilled laborer	13.50	
Hohouser, A., unskilled laborer	.75	
Lee, Thomas, gardener	550.00	
McLennan, Robert, expert	1,200.00	
Parker, J. T., laborer	540.00	
Quinn, James, gardener	450.00	
Schultheis, W. H., skilled laborer	690.00	
Sullivan, Wm., unskilled laborer	171.00	
Swann, Sidney, laborer	656.00	
Thomas, J., unskilled laborer	454.50	
Thompson, Harry, laborer	720.00	
Walter, O. A., laborer	630.00	
		8,530.80
Total salaries		29,014.99
liscellaneous: Supplies of all kinds, fertilizers, machinery, tools, and implements, and repairs to same, fuel and cost of heating greenhouses.		11,989.29
Total expenditures		41,004.28

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit ees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, ber, and other plants and plant industries; in cooperation with other branches of the epartment, * * * to study plant and orchard diseases and demonstrate the eatment of same; to study plant physiology in relation to crop production; to origiate and improve crops by breeding and selection; * * * to cultivate and care for xperimental gardens and grounds, manage and maintain conservatories, greenhouses, nd plant and fruit propagating houses; * * * to collect, purchase, propagate, st, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and lants; for the employment of investigators, * * * experts, clerks, * * * ssistants, student and scientific aids, foremen, gardeners, mechanics, and all other abor and scientific assistance required in conducting investigations and experiments the city of Washington and elsewhere; for telegraph and telephone service; for gas nd electric current; for forage, ice, postage, and washing towels; for express and eight charges; for the purchase of chemicals, materials, office, field, and laboratory upplies, fertilizers, office fixtures, fuel, apparatus, machinery, tools, and other imple- ents, and repairs to same, horses, vehicles, horseshoeing, harness; * * * and for l other necessary expenses. * * * "

VII. Seed and Plant Introduction Investigations.

(A) Foreign seed and plant introduction.

(See appropriation for "Purchase and distribution of valuable seeds.")

(B) Forage crop introduction and extension.

(See appropriation for "Purchase and distribution of valuable seeds.")

(C) Vegetable variety testing gardens.

(See appropriation for "Purchase and distribution of valuable seeds.")

(D) Domestic seed work, including Congressional seed distribution.

(See appropriation for "Purchase and distribution of valuable seeds.")

(E) Seed laboratory.

Outline of work:	Allotment.
(1) Pure-seed investigations; to study impurities of seeds received at the laboratory, and to study the distinguishing characters of closely allied economic seeds	$5,278.00
(2) Seed vitality investigations; to determine the conditions affecting the vitality of commercial seeds	3,170.00
(3) Seed testing; to make seed tests, perfect apparatus, and popularize seed testing	7,831.67
Statutory salaries	3,000.00
Total allotment	19,279.67

Expended as follows:

Salaries (statutory roll):		
Andrews, B. M., clerk	$100.67	
Gary, Kate F., clerk	781.94	
Harvey, Rose A., clerk	660.00	
Hillman, F. H., clerk	233.33	
Lingle, A. F., messenger	456.00	
Waters, D., clerk	160.00	
Watson, H. L., clerk	50.06	
		2,442.50
Salaries (lump-fund roll):		
Aldrich, M. O., collaborator	4.50	
Applegate, E. I., collaborator	3.00	
Barmore, G. F., collaborator	10.50	
Beebe, A. G., collaborator	6.00	
Benton, Zoe, aid	720.00	
Bergner, Sophie J., aid	720.00	
Bondbush, L., collaborator	1.50	
Brown, Edgar, botanist in charge	1,966.67	
Clark, M. N., collaborator	4.50	
Clough, A. W., collaborator	3.00	
Coppoc, J. L., collaborator	6.00	
Crosby, M. L., aid	881.10	
Davis, J. H., clerk	37.50	
Demaree, F. H., collaborator	12.00	
Dennis, J. N., collaborator	1.50	
Duvel, August, special agent	35.00	
Duvel, J. W. T., assistant	1,300.00	
Easterly, H. G., collaborator	15.00	
Emmert, H. L., collaborator	10.50	
Enestoedt, E. G., collaborator	7.50	
Epps, G. O., collaborator	12.00	
Fox, G. M., collaborator	3.00	
Freeman, G. A., collaborator	9.00	
Galehouse, D. W., collaborator	1.50	
Garner, C. E., collaborator	15.00	

(*E*) *Seed laboratory*—Continued.

alaries (lump-fund roll)—Continued.		Allotment.
Gary, Kate F., clerk	$140.00	
Gilbert, C. B., collaborator	3.00	
Glover, J. N., collaborator	9.00	
Goss, W. L., assistant	950.00	
Graham, Grace, aid	720.00	
Hansen, H. H., collaborator	15.00	
Hartman, S. B., collaborator	12.00	
Hildebrand, Jeff., collaborator	15.00	
Hillman, F. H., assistant	1,166.67	
Hyde, G. H., collaborator	24.00	
Irish, J. P., collaborator	24.00	
Jamison, J. M., collaborator	6.75	
Johnson, F. N., collaborator	15.00	
Jones, B. H., collaborator	9.00	
Jones, J. A., clerk	187.50	
Jordan, S. M., collaborator	6.00	
Keese, S. L., assistant	270.00	
Kelly, J. G., collaborator	4.50	
Kirkland, G. A., collaborator	9.75	
Krumroy, H., collaborator	15.00	
Lander, Chas., collaborator	15.00	
Larson, L. D., collaborator	18.00	
MacNair, H. C., collaborator	6.00	
Mathias, C. W., collaborator	10.00	
McQuarrie, C. K., collaborator	6.00	
Marony, J. N., collaborator	6.00	
Merrick, Lovinia S., aid	521.67	
Mertz, Otto, collaborator	7.50	
Miller, Herman, collaborator	6.00	
Moen, J. J., collaborator	6.00	
Moss, J. M., scientific assistant	194.00	
Myers, C. H., special egent	189.00	
Palmer, W. S., collaborator	1.50	
Rahm, J. Q. A., collaborator	3.00	
Roaldsold, G., collaborator	3.00	
Russ, B., laboratory aid	225.00	
Salisbury, F. A., collaborator	3.75	
Shore, N. D., collaborator	9.00	
Sirrine, Emma F., aid	747.50	
Smith, H. B., collaborator	9.00	
Smith, J. P., collaborator	6.00	
Snyder, Eva M., aid	600.00	
Stout, W. H., collaborator	9.00	
Teft, Jennie A., aid	591.67	
Uhlhorn, Otto, collaborator	6.00	
Ware, W. S., collaborator	12.00	
Whiteford, H. C., collaborator	9.00	
		$12,609.03
Total salaries		15,051.53
ield work: Securing seed from different localities, testing same, and necessary travel		1,345.48
iscellaneous: Office, field and laboratory supplies, fixtures, and apparatus, and miscellaneous expenses		1,214.73
Total expenditures		17,611.74

Authority (Digest of Appropriations, pp. 429–430): "* * * to collect, purase, propagate, test, and experiment with rare new seeds, bulbs, * * * and lants; for the employment of investigators, local and special agents, * * * experts, clerks, * * * assistants, student and scientific aids, * * * and all her labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * And the Secretary of griculture is hereby directed to obtain in the open market samples of seeds of grass, over, or alfalfa, test the same, and if any of such seeds are found to be adulterated

or misbranded, or any seeds of Canada blue grass (*Poa compressa*) are obtained under any other name than Canada blue grass or Poa compressa, to publish the results of the tests, together with the names of the persons by whom the seeds were offered for sale, For actual and necessary traveling expenses;" * * * miscellaneous expenses. * * * "and for all other necessary expenses * * *."

(*F*) *Grain standardization.*

(See under appropriation for "Grain investigations.")

(*G*) *Miscellaneous introduction work.*

Outline of work:	Allotment.
(1) Introduction garden at Brownsville, Tex	$7,000.00
(2) Date-palm work at Indio, Cal	2,382.90
(3) Introduction and propagation of Japanese rush	4,410.00
(4) Investigation of brewing barleys	3,940.00
Total allotment	17,732.90

Expended as follows:

Salaries (lump-fund roll):		
Green, E. C., pomologist in charge	$500.00	
Mann, A., collaborator	1,123.33	
Moore, R. A., collaborator	281.59	
Norgard, C. P., special agent	1,120.00	
Romig, L. H., clerk	300.00	
Rowlee, W. W., collaborator	30.00	
Tull, J. H., special agent	300.00	
		3,654.92
Field work: Inspection of experimental plantings, and necessary travel in connection therewith		6,496.61
Miscellaneous: Office, field, and laboratory supplies and equipment, freight, express, telegraph, and miscellaneous expenses		3,195.58
Total expenditures		13,347.11

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries; * * * to study plant and orchard diseases and demonstrate the treatment of same; * * * to originate and improve crops by breeding and selection; * * * to cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and fruit and plant propagating houses; * * * to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, * * * experts, clerks, * * * assistants student and scientific aids, * * * gardeners, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses; * * *" miscellaneous expenses; "and for all other necessary expenses, * * *."

VIII. Special Laboratories, Gardens, and Farms.

(*A*) *Mississippi Valley Laboratory.*

Outline of work:	Allotment.
(1) Crown gall diseases: for several years an investigation has been in progress of the crown gall disease of the peach, apple, plum, and grape	$2,623.00
(2) Root-rot diseases of fruit trees and grape vines; these diseases are under investigation by this laboratory, especially in the lower Mississippi Valley	1,736.00
(3) Diseases of the red gum; a study of the life history of the fungus which causes the disease, and a determination of the best method of treating the same	1,676.00
(4) Blue stain of coniferous and other woods	925.00

(*A*) *Mississippi Valley Laboratory*—Continued.

Outline of work—Continued.		Allotment.
(5) Study of diseases of coniferous trees; study of the life history of fungi causing the various diseases of pines, and the relative susceptibility of the different species of pine to red heart and other diseases		$1,880.00
(6) Diseases of oaks and other hard woods		1,450.00
(7) Miscellaneous diseases of forest trees; including a study of the damping-off disease of coniferous seedlings, the stain of wood pulp, the pecky disease of the cypress, the physiological changes which take place in timber when immersed in water, as in rafting, the treatment of fence posts, etc		3,186.00
Total allotment		13,476.00
Expended as follows:		
Salaries (lump-fund roll):		
Dagwell, Robert, laborer	$209.33	
Eames, Laura, assistant	480.00	
Hedgcock, G. G., scientific assistant	1,200.00	
Rumbold, C. T., collaborator	50.00	
Spaulding, Perley, scientific assistant	1,200.00	
Taylor, T. C., clerk	1,080.00	
Von Schrenk, H., expert in charge	2,500.00	
		6,719.33
Field work: Cooperation with private owners, inspection of forest areas, securing specimens, and necessary travel		4,321.77
Miscellaneous: Office, field and laboratory supplies and apparatus, and miscellaneous expenses		237.12
Total expenditures		11,278.22

Authority (Digest of Appropriations, pp. 429–430): * * * "To study plant and orchard diseases and demonstrate the treatment of same; * * * to investigate the causes of decay in forest timber used for construction purposes, and to devise means for preventing the decay of the same; * * * for the employment of investigators, local and special agents, * * * experts, clerks, * * * assistants, student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * for actual and necessary traveling expenses;" * * * miscellaneous expenses, * * * "and for all other necessary expenses * * *."

(*B*) *Subtropical laboratory and garden* (*Miami, Fla.*).

Outline of work: The work at this laboratory includes the propagation and testing of many of the subtropical fruits introduced through the Office of Seed and Plant Introduction and Distribution, and the propagation of hybrid oranges, pineapples, etc., and a study of the diseases of citrus trees and of truck crops grown in the extreme South		Allotment. $9,100.00
Expended as follows:		
Salaries (lump-fund roll):		
Bessey, E. A., pathologist in charge	$1,720.00	
Fawcett, G. L., scientific assistant	960.00	
Hudson, Agnes T., clerk	862.50	
Lucas, W. R., unskilled laborer	90.00	
Rolfs, P. H., collaborator	120.00	
Sampson, R. J., unskilled laborer	100.50	
Small, D. C., clerk	30.00	
Wester, P. J., gardener	900.00	
Zumwalt, J. M., unskilled laborer	75.63	
		4,858.63
Field work: Actual and necessary traveling expenses in connection with visits to trucking districts of the Atlantic coast and to Washington, D. C., for consultation, etc		3,528.83
Miscellaneous: Office, field, and laboratory supplies and apparatus, and other miscellaneous expenses		228.07
Total expenditures		8,615.53

Authority (Digest of Appropriations, pp. 429–430): "To investigate fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, * * * to study plant and orchard diseases and demonstrate the treatment of same; * * * to originate and improve crops by breeding and selection; * * * to cultivate and care for experimental gardens and grounds, manage and maintaining conservatories, greenhouses, and fruit and plant propagating houses; * * * to collect, purchase, propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, local and special agents, * * * experts, clerks, * * * assistants, student and scientific aids, * * * foremen, gardeners, mechanics, and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * For actual and necessary traveling expenses;" * * * miscellaneous expenses, * * * "and for all other necessary expenses * * *."

(*C*) *Plant introduction garden* (*Chico, Cal.*).

	Allotment.
Outline of work: Propagating and testing of seeds, bulbs, trees, shrubs, vines, cuttings, and plants, especially of foreign importations by the Office of Seed and Plant Introduction and Distribution, and the improvement of plants by breeding and selection	$2,250.00

Expended as follows:

Salaries (lump fund roll): Dorsett, P. H., pathologist in charge	1,968.75

Authority (Digest of Appropriations, p. 430): * * * "to originate and improve crops by breeding and selection; * * * to cultivate and care for experimental gardens and grounds, * * * to * * * propagate, test, and experiment with rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for the employment of investigators, * * * and all other labor and scientific assistance required in conducting investigations and experiments in Washington and elsewhere * * *."

(See also under appropriation for "Purchase and distribution of valuable seeds.")

(*D*) *Cotton culture farms.*

(See under appropriation for "Cotton boll weevil investigations.")

Appropriation: Grain investigations.

GRAIN STANDARDIZATION.

Outline of work:	Allotment.
(1) General study of methods of grading grain now in use at the various grain centers and their correlation to the percentage method proposed by the Department	$4,000.00
(2) Standardization laboratory at Baltimore, Md.; examination and reporting upon all samples of grain submitted or obtained at Baltimore, especially of cargoes destined for export, which are again examined on arrival abroad	4,500.00
(3) Standardization laboratory at New Orleans, La.; conducted along similar lines to that at Baltimore	4,000.00
(4) Examination of inspected cargoes at foreign ports; the inspector stationed abroad is notified of departure of inspected cargoes from the ports of Baltimore and New Orleans, and upon arrival at destination these cargoes are carefully examined and their condition reported. By this means valuable data is secured as to changes due to moisture content and temperature which grain undergoes in transit	2,500.00
Total allotment	15,000.00

Expended as follows:

Salaries (lump-fund roll):		
Boerner, E. G., special agent	$1,154.17	
Carroll, W. P., special agent	655.56	
Duvel, J. W., assistant	500.00	
Fitz, Leslie A., scientific assistant	1,350.00	
Leighty, Clyde E., expert	1,745.00	

GRAIN STANDARDIZATION—Continued.

		Allotment.
Salaries (lump-fund roll)—Continued.		
Morrison, G. W., clerk	$41.67	
Neal, C. A., assistant	791.67	
Shanahan, J. D., expert in charge	2,250.00	
Shane, Ovid, aid	135.00	
Smith, Leroy M., laboratory helper	560.00	
		$9,183.07
Field work: Visits to grain centers for consultation with grain dealers and organizations, and between laboratories and headquarters, and of special agent stationed abroad		2,621.96
Miscellaneous: Laboratory supplies, materials, and apparatus, and miscellaneous expenses		3,150.48
Total expenditures		14,955.51

Authority (Digest of Appropriations, p. 431): "To enable the Secretary of Agriculture to establish, at such points of export as he may deem expedient, laboratories for the purpose of examining and reporting upon the nature, quality, and condition of any sample, parcel, or consignment of seed or grain, $15,000, or so much thereof as may be necessary; and the Secretary of Agriculture is authorized to report upon such samples, parcels, or consignments from time to time, and the reports so made shall serve as a basis for the fixing of definite grades and for the issuance of certificates of inspection when requested by the consignor or consignee of any grain entering into interstate and foreign commerce."

Appropriation: Ozark Mountain investigations.

FRUIT SPRAYING DEMONSTRATION WORK.

		Allotment.
Outline of work: Demonstration work in the spraying of fruit trees for eradication of parasites, insects, and fungous diseases of fruit trees in the Ozark Mountain region of Arkansas and Missouri, particularly at Bentonville, Ark.		$3,553.72
Expended as follows:		
Salaries (lump-fund roll):		
Faurot, F. W., special agent	$450.00	
Rorer, James B., scientific assistant	500.00	
Scott, W. M., plant pathologist	1,833.34	
		2,783.34
Field work: Cooperation with experiment stations and practical fruit growers, inspection of infested orchards, and necessary travel		643.07
Miscellaneous: Office, field, and laboratory supplies, material, and apparatus, and miscellaneous expenses		123.81
Total expenditures		3,550.22

Authority (Digest of Appropriations, pp. 429–430–431): " * * * to study plant and orchard diseases and demonstrate the treatment of same; * * * for the employment of investigators, local and special agents, * * * experts, * * * assistants, student and scientific aids, * * * and all other labor and scientific assistance required in conducting investigations and experiments in the city of Washington and elsewhere; * * * For actual and necessary traveling expenses;" miscellaneous expenses, * * * "and for all other necessary expenses" * * * (appropriation for general expenses). "That the Secretary of Agriculture is authorized to expend $5,000 of the amount hereby appropriated to especially investigate parasites and orchard diseases prevalent in the Ozark Mountain region of the States of Missouri and Arkansas, and to work out, if possible, in cooperation with the fruit experiment stations of said States, the problem of prevention of such diseases and destruction of parasites, and diffuse information along these lines."

Appropriation: Purchase and distribution of valuable seeds.

(A) CONGRESSIONAL DISTRIBUTION.

	Allotment.
Outline of work: (1) Vegetable and flower seeds; (2) special seeds, as cotton, lawn grass, etc.; (3) special plants, orange trees, ornamentals, etc.; (4) trial grounds	$161,057.33
Statutory salaries	28,609.32
Total allotment	189,666.65

(A) CONGRESSIONAL DISTRIBUTION—Continued.

Expended as follows:

		Allotment.
Salaries (statutory roll):		
Allen, Isabelle, clerk	$940.84	
Armstrong, H. C.	442.00	
Ashmore, C. D., clerk	905.00	
Austin, Mary A., clerk	720.00	
Barberry, M., clerk	427.50	
Bateman, C. C., assistant superintendent	333.33	
Bollinger, Lewis, clerk	88.67	
Burke, Edmund, clerk	968.05	
Campbell, W. S., messenger	135.00	
Clark, M. K., clerk	14.00	
Chandler, H. F., messenger	480.00	
Cookman, G. E., skilled laborer	600.00	
Crandall, F. L., skilled laborer	615.00	
Cuppernell, Bert, clerk	1,200.00	
Degenhardt, G. A., messenger	396.00	
Frost, F. C., messenger boy	30.00	
Gardner, Helen, clerk	1,127.78	
Garton, A. C., clerk	1,200.00	
Gordon, E. F., clerk	315.00	
Graham, J. P., clerk	1,133.33	
Hardenstein, F. P., skilled laborer	449.17	
Hodges, A. J., messenger	420.00	
Holland, R. B., inspector	248.00	
Hull, W. S., watchman	500.00	
Hurdle, Ivy V., clerk	720.00	
Jones, Oliver F., clerk	900.00	
Jeunemann, H. E., gardener	900.00	
Keadin, Wm. A., clerk	353.33	
Kimball, J. H., superintendent	423.33	
Knight, E. Q., clerk	1,116.66	
Klopfer, Henry, gardener	175.00	
MacMorris, Laura, clerk	750.00	
Mansfield, C. M., messenger	670.00	
Marcy, Wm. L., clerk	641.67	
Martin, A. R., clerk	210.00	
Morrison, Lisle, clerk	1,800.00	
Muhlemann, B. M., clerk	615.00	
Neal, C. A., assistant	208.33	
Parker, G. D., clerk	697.00	
Phelps, Nora H., clerk	500.00	
Phipps, W. H., watchman	300.00	
Romig, L. H., clerk	500.00	
Sawyer, A. M., clerk	825.00	
Smith, M. J., skilled laborer	720.00	
Wight, J. C., clerk	800.00	
Wischoff, A. E., clerk	442.00	
		$27,955.99
Salaries (lump-fund roll):		
Albee, R. S., clerk	1,043.33	
Bateman, C. C., assistant superintendent	723.33	
Barberry, Marie, clerk	200.00	
Bort, K. S., laboratory aid	231.94	
Boyle, H. H., gardener	60.00	
Day, M. E., clerk	736.25	
Doyle, E. S., scientific assistant	667.50	
Duffy, Sadie, frank counter	360.00	
Estler, H. S., clerk	150.00	
Faunce, H. V., charwoman	540.00	
Galleher, U. H., unskilled laborer	590.00	
Garrett, W. A., unskilled laborer	77.50	
Gilbert, M. M., classified laborer	496.34	
Gillingham, M. P., unskilled laborer	462.92	
Goucher, E., special agent	333.34	
Hammell, S. H., unskilled laborer	22.67	

(A) CONGRESSIONAL DISTRIBUTION—Continued.

alaries (lump-fund roll)—Continued.		
Hall, F. C., unskilled laborer	$720.00	
Hammersley, J. J., messenger	478.50	
Henderson, A. T., unskilled laborer	37.50	
Hall, B. H., unskilled laborer	34.50	
Holland, R. B., inspector	590.00	
Hume, Edward, unskilled laborer	109.50	
Mayer, August, expert	600.00	
Milstead, E. H., unskilled laborer	590.00	
Neilson, C. W. C., cabinetmaker	444.50	
Pieters, A. J., botanist in charge	611.11	
Ramsdell, K. P., unskilled laborer	660.00	
Rustine, L. C., charwoman	360.00	
Seiler, W. C., skilled laborer	184.00	
Small, G. C., clerk	40.00	
Swan, Sidney, unskilled laborer	26.00	
Tracy, J. E. W., assistant superintendent	2,000.00	
Tracy, W. W., jr., assistant botanist	2,000.00	
Wheeler, C. F., expert	2,000.00	
Whittleton, R. J., superintendent	2,000.00	
Wine, L. D., skilled laborer	40.00	
Wood, H. S., painter	49.00	
		$20,269.73
Total salaries		48,225.72
acketing, assembling, and mailing		116,109.92
rial grounds, miscellaneous seeds, plants, etc		7,094.20
iscellaneous expenses—rent, freight, express, materials, etc		16,597.86
Total expenditures		188,027.70

(*B*) *Purchase, testing, and distribution of rare varieties.*

	Allotment.
utline of work: (1) Forage of crops and grains; (2) testing new varieties, especially vegetables; (3) sugar-beet seed; (4) propagating houses	$44,082.67
tatutory salaries	5,245.83
Total allotment	49,328.50

Expended as follows:

alaries (statutory roll):		
Allen, C. W., clerk	$750.00	
Bell, B. C., clerk	800.00	
Connor, Bernard, clerk	568.00	
Dulin, M. S., clerk	38.33	
Evans, W. D., gardener	660.00	
Groesbeck, D. V. H., skilled laborer	533.50	
Horan, Katherine, clerk	26.00	
Klopfer, Henry, gardener	335.00	
Lynn, T. H., skilled laborer	55.00	
Minor, George O., skilled laborer	600.00	
Murphy, J. A., clerk	700.00	
Roberts, Harry, clerk	120.00	
Roberts, Henry, clerk	60.00	
		5,245.83
alaries (lump-fund roll):		
Auhagen, George, unskilled laborer	600.00	
Bort, K. S., laboratory aid	741.66	
Bouton, E. L., unskilled laborer	43.50	
Connor, A. B., scientific assistant	1,053.34	
Dodge, L. G., scientific assistant	400.00	
Eckman, Lulu, clerk	112.50	
Estler, H. S., clerk	114.67	
Evans, M. W., scientific assistant	350.00	

(B) Purchase, testing, and distribution of rare varieties—Continued.

Salaries (lump-fund roll)—Continued.		
Garrett, W. A., unskilled laborer	$117.00	
Gibson, W. A., clerk	208.33	
Graner, Mike, gardener	192.50	
Hinton, Agnes, clerk	40.00	
Hopkins, F. B., aid	720.00	
Keeney, C. M., special agent	250.00	
Kremers, Will, special agent	240.00	
Laird, W. C., clerk	53.33	
Lynn, T. H., unskilled laborer	117.00	
Manning, H. F., clerk	54.67	
McKee, Roland, scientific assistant	800.00	
Morse, W. J., scientific assistant	22.50	
Neilsen, H. T., scientific assistant	1,100.00	
Oakley, R. A., assistant agrostologist	1,166.67	
Oliver, G. W., expert	1,350.00	
Piper, C. V., agrostologist in charge	2,250.00	
Rea, E. P., clerk	37.50	
Riggs, J. W., special agent	120.00	
Schmitz, N., expert	1,200.00	
Schneider, M. N., clerk	138.00	
Smith, R. H., jr., laboratory aid	600.00	
Steele, Henry, unskilled laborer	210.00	
Stewart, R., collaborator	60.00	
Tracy, W. W., sr., expert	3,000.00	
Vinall, H. N., scientific assistant	883.34	
Warren, J. A., scientific assistant	400.00	
Westgate, J. M., assistant agrostologist	1,625.00	
Wood, H. S., painter	14.00	
		$20,385.51
Total salaries		25,631.34
Seeds and expenses of propagating and testing work, or travel for inspection work, etc		20,539.38
Miscellaneous office expenses, fuel, gas, electric power, telephone, etc.		1,921.56
Total expenditures		48,092.28

Authority (Digest of Appropriations, pp. 431–432): "For the purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; for rent and repairs; the employment of local and special agents, clerks, assistants, and other labor required in the city of Washington and elsewhere; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, printing, postal cards, gas, and electric current, traveling expenses, and all necessary material and repairs for putting up and distributing the same * * * ."

Appropriation: Purchase and distribution of valuable seeds (foreign seed and plant introduction).

FOREIGN SEEDS.

	Allotment.
Outline of work: (1) Foreign explorations; (2) introduction of special crops into the United States	$35,780.00
Statutory salaries	2,490.01
Total allotment	38,270.01

Expended as follows:

Salaries (statutory roll):		
Bell, Mrs. Grace, clerk	$1,200.00	
Frazier, C. T., skilled laborer	565.01	
Stothart, T. B., clerk	725.00	
		2,490.01
Salaries (lump-fund roll):		
Barrett, Otis W., assistant	1,838.89	
Beagles, R. L., special agent	765.00	
Benson, W. D., special agent	55.00	

FOREIGN SEEDS—Continued.

alaries (lump-roll fund)—Continued.		
Boyle, H. H., gardener	$660.00	
Bryant, B. B., unskilled laborer	3.00	
Derr, H. B., assistant	869.45	
Fairchild, D. G., agricultural explorer	2,500.00	
Goucher, E., expert	649.99	
Green, G. R., unskilled laborer	2.00	
Hall, G. W., fireman	190.00	
Hansen, N. E., temporary special disbursing agent	500.00	
Johnson, B. G	704.60	
Klopfer, Henry, gardener	90.00	
Mann, A. C., gardener	900.00	
Marks, I. G., special agent	420.00	
Mayer, August, expert	400.00	
Meyer, Frank N., agricultural explorer	1,000.00	
Miller, C. S., unskilled laborer	2.00	
Millott, Eugene, clerk	342.00	
Nehrling, H. H., collaborator	275.00	
Owen, C. B., scientific assistant	3.00	
Rowlee, W. W., collaborator	10.00	
Soper, W. S., unskilled laborer	2.00	
Young, R. A., scientific assistant	127.78	
		$12,309.71
Total salaries		14,799.72
urchase of seeds and plants, foreign explorations, and field work, including inspection and maintenance of testing and propagating houses and grounds		20,433.94
iscellaneous expenses, office requirements, telegraph, etc		1,568.52
Total expenditures		36,802.18

Authority (Digest of Appropriations, pp. 431–432): Appropriation for purchase and istribution of valuable seeds: "*Provided further*, That $37,780, of which sum, or so nuch thereof as the Secretary of Agriculture shall direct, may be used to collect, urchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, shrubs, ines, cuttings, and plants from foreign countries or from our possessions for experiments with reference to their introduction into and cultivation in this country; and the eeds, bulbs, trees, shrubs, vines, cuttings, and plants thus collected, purchased, ested, and propagated shall not be included in general distribution, but shall be sed for experimental tests, to be carried on with the cooperation of the agricultural xperiment stations."

Appropriation: Cotton boll-weevil investigations.

Authority (Digest of Appropriations, p. 432): "To enable the Secretary of Agriculure to meet the emergency caused by the continued spread of the Mexican cotton oll weevil in the Southern States, by encouraging the diversification of crops, mproved cultural methods, breeding of new cottons, and to study the diseases of cotton, $105,000, or so much thereof as may be necessary. And the Secretary of Agriculure is hereby authorized to spend said appropriation in such manner as he shall deem est, in cooperation with the State experimental stations and practical cotton growrs.—Agricultural act, June 30, 1906."

I. DIVERSIFICATION OF CROPS.

(*A*) *Farm management investigations.*

utline of work:

(1) Farm management, districts in the South: (*a*) District No. 1, which includes North Carolina, South Carolina, Georgia, and Florida; (*b*) District No. 2, which includes Alabama, Mississippi, and Tennessee; (*c*) District No. 3, which includes Louisiana, Arkansas, and Missouri; (*d*) District No. 4, which covers the State of Texas. In all of these districts object-lesson farms have been established, cropping systems have been drawn up and are being followed by practical farmers, with a view to the introduction and encouragement of diversified farming.

(*A*) *Farm management investigations*—Continued.

Outline of work—Continued.	Allotment.
2) Crop problems, diversification with truck crops, etc	$22,308.33
Statutory salaries	2,642.38
Total allotment	24,950.71

Expended as follows:

Salaries (statutory roll):		
Draper, A. F., clerk	$955.56	
Goding, Harry, clerk	572.92	
Price, N. G., clerk	1,113.90	
		2,642.38
Salaries (lump-fund roll):		
Benton, Harmon, assistant agriculturist	1,400.00	
Brodie, B. A., assistant agriculturist	2,000.00	
Carrier, Lyman, scientific assistant	200.00	
Cates, J. S., scientific assistant	979.17	
Crosby, M. A., scientific assistant	1,400.00	
Drake, J. A., scientific assistant	233.34	
Duggar, J. F., special agent	125.00	
Easterbrook, Henry, special agent	350.00	
Froley, J. W., executive assistant	200.00	
Gay, J., special agent	30.00	
Glasson, F. J., expert	250.00	
Goding, Harry, clerk	308.33	
Lloyd, E. R., special agent	120.00	
McClelland, C. K., scientific assistant	500.00	
McClure, H. B., scientific assistant	166.67	
Peck, W. A., assistant agriculturist	166.67	
Polk, Wm., collaborator	150.00	
Quinn, C. F., scientific assistant	166.67	
Richardson, F. E., special agent	166.67	
Smith, C. B., scientific assistant	333.34	
Spillman, W. J., agriculturist in charge	250.00	
Stewart, S. M., special agent	200.00	
Tracy, S. M., special agent	2,000.00	
Warburton, C. W., assistant agronomist	933.33	
Williamson, W. L., special agent	350.00	
		12,979.19
Total salaries		15,621.57
Field work: Cooperation with experiment stations and practical cotton growers, inspection of demonstration farms, and necessary travel		6,671.52
Miscellaneous: Field supplies, express, telephone and telegraph charges, and miscellaneous expenses		215.53
Total expenditures		22,508.37

(*B*) *San Antonio, Tex., experiment farm.*

Outline of work: Various crops are grown at this farm for the purpose of demonstrating the practicability of diversification in a semiarid district	Allotment. $5,848.75

Expended as follows:

Salaries (lump-fund roll):		
Childers, G. W., unskilled laborer	$480.00	
Guerro, Joe, laborer	180.00	
Guerro, Philipe, unskilled laborer	156.00	
Headley, F. B., scientific assistant	1,200.00	
Hastings, S. H., agent	436.00	
James, Robert, laborer	40.00	
Kempton, J., unskilled laborer	35.00	
Scofield, C. S., agriculturist	468.75	

(B) San Antonio, Tex., experiment farm—Continued.

alaries (lump-fund roll)—Continued.		
Stedman, A. M., laborer	$180.00	
Stedman, H. W., laborer	160.00	
		$3,335.75
ield work: Cost of cultivation, inspection, and necessary travel, etc.		2,209.76
iscellaneous: Field supplies, seeds, express, telegraph and telephone charges, etc		197.40
Total expenditures		5,742.91

II. Improvement of Cultural Methods.

Allotment.

utline of work: On several hundred demonstration farms cottton is grown by cooperators, who are practical cotton growers, under instructions and direct supervision of a corps of special agents, for the purpose of demonstrating that with proper cultural methods cotton can be successfully and profitably produced despite the presence of the boll-weevil $40,000.00

Expended as follows:

alaries (lump-fund roll):	
Adger, Joe, sr., collaborator	$0.33
Alsop, S. B., special agent	466.67
Apple, W. J., special agent	293.33
Bamberge, Wm., collaborator	12.00
Barrow, D. N., cooperator	.88
Bentley, W. B., special agent	1,176.67
Berryman, L. J., special agent	900.00
Bishop, E. A., collaborator	.55
Boyce, C. W., special agent	510.00
Caldwell, D. R., special agent	840.00
Campbell, R. M., cooperator	.64
Campbell, W. W., special agent	256.00
Carson, James W., special agent	160.00
Cowdin, E. P., special agent	792.50
Evans, J. A., special agent	1,800.00
Franklin, C. L., special agent	664.00
Featherston, L. M., special agent	960.00
Gentry, E., special agent	262.67
Giles, R. E., special agent	633.33
Glassell, W. E., cooperator	12.00
Hall, G. A., special agent	53.33
Hilley, F. A., special agent	240.00
Hudson, C. B., cooperator	.67
Ingram, I. S., cooperator	.42
Kinnebrew, Irene, special agent	900.00
Knapp, S. A., special agent	3,000.00
McKnight, H. L., special agent	240.00
McLaughlin, F. M., special agent	193.33
Meharg, A. S., cooperator	.75
Moore, M. S., special agent	60.00
Nagle, C. L., assistant	37.50
Nagle, Clara M., special agent	245.00
Peeler, T. L., special agent	307.50
Perrin, L. F., special agent	1,200.00
Phelps, J. C., cooperator	.67
Pierce, J. B., cooperator	.55
Proctor, W. F., special agent	1,300.00
Quicksall, J. F., special agent	1,200.00
Rhodes, P. H., cooperator	.32
Sandy, T. V., cooperator	.55
Savelly, H. F., cooperator	1.00
Slattery, J. P., special agent	400.00
Smith, E. W., special agent	1,200.00
Stallings, W. C., special agent	381.67

II. IMPROVEMENT OF CULTURE METHODS—Continued.

		Allotment.
Salaries (lump-fund roll)—Continued.		
Stiles, J. R.; cooperator	$0.08	
Swaty, A. V., special agent	1,200.00	
Tate, H. D., cooperator	.65	
Waldrop, C. S., cooperator	.63	
Walker, J. B., special agent	218.67	
Watkins, W. J., special agent	554.67	
Watson, H. L., special agent	233.33	
Watson, S. H., special agent	195.00	
Wells, Wm., janitor	17.50	
Wemple, J. E., special agent	1,200.00	
Willis, J. W., cooperator	.42	
Wilson, R. S., cooperator	.34	
		$24,326.12
Field work: Cooperation with practical farmers, inspection of demonstration farms and necessary traveling expenses		15,299.32
Miscellaneous: Office and field supplies, rent, freight, express, and telegraph charges, etc		351.29
Total expenditures		39,976.73

III. BREEDING OF NEW COTTON.

(*A*) *Cotton breeding investigations.*

Outline of work:	Allotment.
(1) Production of upland cotton with longer and better staple	$2,720.00
(2) Production of early varieties of cotton	5,725.00
(3) Production of boll weevil resistant cotton	1,325.00
(4) Increasing the production of short staple cotton, including the testing of varieties to determine their comparative yield and the systematic selection of good plants and their pedigree breeding on a large scale	6,560.00
(5) Adaptation of Egyptian cotton, including the breeding and selection of imported strains and the testing of hybrids	1,345.00
(6) Breeding cotton for increased oil content	790.00
(7) Testing the value of selected cotton seed by weight	1,000.00
(8) Testing cotton-seed meal with whole cotton seed as a fertilizer	250.00
(9) Study of cotton-breeding methods	2,125.00
	21,840.00
Statutory salaries	14.00
Total allotment	23,854.00

Expended as follows:

Salaries (statutory roll): Braden, F. C., clerk		14.00
Salaries (lump-fund roll):		
Allard, H. A., scientific assistant	$960.00	
Bain, S. M., special agent	1,206.00	
Bennett, R. L., special agent	2,000.00	
Boss, R. M., clerk	445.67	
Boykin, E. B., special agent	1,100.00	
Bright, V. S., unskilled laborer	40.00	
Doyle, Ida L., messenger	840.00	
Hamilton, Alex., laborer	360.00	
Hope, W. B., clerk	258.00	
Holland, J. B., clerk	630.00	
McGlasson, Robert, clerk	140.00	
McMahan, Clyde, clerk	115.00	
Price, W. A., laborer	588.00	
Reid, W. A., clerk	523.33	
Saunders, D. A., special agent	1,500.00	
Shamel, A. D., physiologist in charge	333.34	
Shoemaker, D. N., special agent	1,575.00	

III. Breeding of New Cotton—Continued.

alaries (lump-fund roll)—Continued.		
Webber, H. J., collaborator	$916.67	
Work, H., unskilled laborer	31.50	
		$13,562.51
Total salaries		13,576.51
ield work: Cooperation with experiment stations and practical farmers, cultivation and inspection of experimental fields and actual and necessary traveling expenses		6,695.99
iscellaneous: Office, field and laboratory supplies and apparatus, and miscellaneous expenses		1,352.79
Total expenditures		21,625.29

Weevil-resistant cotton investigations.

utline of work:		Allotment.
Culture and acclimatization of weevil-resistant varieties of cotton found in Central America, the original home of the cotton boll weevil		$9,502.92
Statutory salaries		1,200.00
Total allotment		10,702.92
Expended as follows:		
alaries (statutory roll), Meloy, Guy S., clerk	$1,200.00	
alaries (lump-fund roll):		
Collins, G. N., assistant botanist	450.00	
Cook, O. F., bionomist	572.92	
Kinsler, J. D., special agent	405.00	
Kinsler, J. H., special agent	1,500.00	
Lewton, F. L., scientific assistant	533.34	
Pittier, H., special agent	2,250.00	
		5,711.26
Total salaries		6,911.26
ield work: Cultivation and inspection of experimental fields and necessary traveling expenses		2,143.68
iscellaneous: Field supplies, freight, express, and telegraph charges, and miscellaneous expenses		491.05
Total expenditures		9,545.99

IV. Study of Cotton Diseases.

utline of work:		Allotment.
Study of the wilt disease of sea-island cotton and the study of cotton root rot, rust, anthracnose, and of the shedding of cotton bolls		$5,500.00
Expended as follows:		
alaries (lump-fund roll):		
Duggar, J. F., collaborator	$75.00	
Duncan, L. N., collaborator	275.00	
Gilbert, W. W., scientific assistant	480.00	
Howell, W. M., collaborator	13.33	
Kimball, Anna L., clerk	22.22	
Miles, G. F., scientific assistant	500.00	
Orton, W. A., pathologist in charge	1,583.33	
Wood, Mrs. A. L., clerk	229.18	
		3,178.06
ield work: Cooperation with experiment stations and practical growers, cultivation and inspection of experimental fields, and necessary travel in connection therewith		1,271.95
iscellaneous: Office, field, and laboratory supplies and apparatus, and miscellaneous expenses		482.03
Total expenditures		4,932.04

ppropriation: Cotton boll weevil investigations, 1907–8. (Immediately available.)

Cotton culture farms.

Outline of work:		Allotment.
Demonstration work on several hundred farms of cooperators, who cultivate their crops in accordance with instructions and under the supervision of a corps of special agents		$40,000.00
Expended as follows:		
Salaries (lump-fund roll):		
Allen, C. E., special agent	$366.67	
Davidson, R. C., special agent	309.33	
Gigleux, E. J., special agent	220.00	
Graham, T. L., special agent	232.00	
Huffman, L. J., special agent	386.67	
McWilliams, J. P., special agent	212.00	
Moore, J. J., special agent	232.00	
Orms, G. W., special agent	282.67	
Plunkett, T. O., special agent	483.33	
Pruitt, G. H., special agent	309.33	
Sutton, G. R., special agent	290.00	
Swaty, D. R., special agent	232.00	
Terrell, T. B., special agent	309.33	
Utts, A. J., special agent	282.67	
Wade, J. A., special agent	232.00	
Total salaries		4,380.00
Field work: Cooperation with practical cotton growers, inspection of demonstration fields, and necessary travel		2,007.04
Total expenditures to June 30, 1907		6,387.04
Balance available to June 30, 1908		33,612.96
		40,000.00

FOREST SERVICE.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Forest Service, 1907, $112,860."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Pinchot, Gifford	Forester, at $3,500	$3,500.00	$649.63
McVean, Milton J	Clerk, class 4	1,800.00	304.05
Satterlee, Jerome B	do	1,800.00	.....
Craft, Quincy R	Clerk, class 3	1,600.00	.....
Lees, Fred	do	1,600.00	.....
Melzar, Ernest A	do	1,600.00	.....
Shir-Cliff, Wm. H	do	1,600.00	.....
Duffy, John J	Clerk, class 2	1,400.00	.....
Fuchs, William R	do	1,400.00	.....
Metcalf, Hermon C	do	1,400.00	56.52
Allen, Fannie M	Clerk, class 1	1,200.00	.....
Frost, Edna M	do	1,200.00	.....
Williams, Gross H	do	1,200.00	.....
Dahl, Arthur L	do	300.00	137.85
Smith, Albert M	do	900.00	.....
Bennett, Ernest A	do	163.33	.....
Strause, Florence D	do	1,036.67	.....
Helphenstine, R. K., jr	Clerk, at $1,100	1,100.00	.....
Rowden, Charles H	do	1,100.00	.....
Simonson, Edith	do	1,100.00	.....
Stockbridge, Helen E	do	1,100.00	.....
Stoddart, Grace M	do	1,100.00	.....
Young, Effie M	do	1,100.00	.....
Wiley, Albert A	do	485.83	.....
Gage, Charles E	do	614.17	287.61
Bain, Virginia M	Clerk, at $1,000	1,000.00	.....
Bradford, Virginia P	do	1,000.00	.....
Enoch, Henry H	do	1,000.00	.....

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Forest Service, 1907, $112,860"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Gill, Sue McLure	Clerk, at $1,000	$1,000.00	
Latimer, Mary R	do	1,000.00	
Totten, Sarah G	do	1,000.00	
Whittleton, Robert R	do	1,000.00	
Gage, Charles E	do	441.66	
Mangan, William J	do	558.33	
Campbell, Robert L	do	152.77	$543.59
Anderson, Matthew N	do	5.56	
Conway, Lilian T	do	750.00	
Bechtold, Frank E	Clerk, at $900	900.00	
Gannett, Mary C	do	900.00	
Kellerhouse, Lucy C	do	900.00	
Koschwitz, Anna P	do	900.00	
Rector, L. Belle	do	900.00	
Mosher, Edith R	do	867.50	
Mangan, William J	do	397.50	
Wiley, Albert A	do	502.50	
Conway, Lilian T	do	225.00	
Stabler, Elsie B	do	675.00	
Parker, Claude I	do	775.00	
McPherson, L. R	do	125.00	
Brower, Lula	Clerk, at $800	800.00	
Childs, Mary M	do	800.00	
Cunningham, M. V	do	800.00	
Echtermann, Martha M	do	800.00	
Flanagan, Susanna	do	800.00	
Gartrell, Laura R	do	800.00	
Hawkins, Cora J	do	800.00	
Lyddane, Gertrude C	do	800.00	
McFadden, Stella R	do	800.00	
Owen, Nina	do	800.00	
Pickett, Ruby H	do	800.00	
Rule, Mattie F	do	800.00	
Ruppel, Albert	do	800.00	
Seaton, Sarah F	do	800.00	
Stewart, Lula	do	800.00	
Meynes, Alice M	do	684.44	
Stabler, Elsie B	do	200.00	
Blackley, Belle B	do	600.00	
McPherson, L. R	do	688.88	
Ramsaur, Sue W	do	77.78	
Luttrell, Saidee W	do	344.44	
Morris, Albert	do	446.67	
Barksdale, Susie P	Clerk, at $700	700.00	
Burnham, Jennie B	do	700.00	
Emerson, Nellie E	do	700.00	
Hobgood, Mary L	do	700.00	
Holberg, Hilda J	do	700.00	
Kuntz, Celia B	do	700.00	
Love, Clara F	do	700.00	
Sanderlin, Pattie	do	700.00	
Shelton, Rosalie McK	do	700.00	
Tonks, Ann M	do	700.00	
Wharton, Georgia E	do	700.00	
Pryor, Ann A	do	698.06	
Jackson, Leona	do	698.06	
Miller, Mary T	do	624.16	
Ramsaur, Sue W	do	573.61	
Weaning, Mattie M	do	97.23	
Loughran, Teresa M	do	31.11	
DePutron, Edith S	do	630.01	
Rancke, Lillian V	do	379.17	
Nordeen, Caroline	do	320.83	
Morris, Albert	do	309.16	29.75
Rhode, Rosemary	do	390.83	
Blackley, Belle B	do	175.00	
Gordon, Edith F	do	262.50	
Judson, Blanche A	do	262.50	
Williams, Lydia A	do	175.00	
Pence, Zula F	do	392.78	
Bowne, Grace L	Clerk, at $600	600.00	
Carman, Elida M	do	600.00	
Davies, Alice L	do	600.00	

Cotton culture farms.

Outline of work:		Allotment.
Demonstration work on several hundred farms of cooperators, who cultivate their crops in accordance with instructions and under the supervision of a corps of special agents		$40,000.00
Expended as follows:		
Salaries (lump-fund roll):		
Allen, C. E., special agent	$366.67	
Davidson, R. C., special agent	309.33	
Gigleux, E. J., special agent	220.00	
Graham, T. L., special agent	232.00	
Huffman, L. J., special agent	386.67	
McWilliams, J. P., special agent	212.00	
Moore, J. J., special agent	232.00	
Orms, G. W., special agent	282.67	
Plunkett, T. O., special agent	483.33	
Pruitt, G. H., special agent	309.33	
Sutton, G. R., special agent	290.00	
Swaty, D. R., special agent	232.00	
Terrell, T. B., special agent	309.33	
Utts, A. J., special agent	282.67	
Wade, J. A., special agent	232.00	
Total salaries		4,380.00
Field work: Cooperation with practical cotton growers, inspection of demonstration fields, and necessary travel		2,007.04
Total expenditures to June 30, 1907		6,387.04
Balance available to June 30, 1908		33,612.96
		40,000.00

FOREST SERVICE.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Forest Service, 1907, $112,860."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Pinchot, Gifford	Forester, at $3,500	$3,500.00	$649.63
McVean, Milton J	Clerk, class 4	1,800.00	304.05
Satterlee, Jerome B	do	1,800.00	.....
Craft, Quincy R	Clerk, class 3	1,600.00	.....
Lees, Fred	do	1,600.00	.....
Meizar, Ernest A	do	1,600.00	.....
Shir-Cliff, Wm. H	do	1,600.00	.....
Duffy, John J	Clerk, class 2	1,400.00	.....
Fuchs, William R	do	1,400.00	.....
Metcalf, Hermon C	do	1,400.00	55.32
Allen, Fannie M	Clerk, class 1	1,200.00	.....
Frost, Edna M	do	1,200.00	.....
Williams, Grace H	do	1,200.00	.....
Dahl, Arthur L	do	300.00	137.85
Smith, Albert M	do	900.00	.....
Bennett, Ernest A	do	163.33	.....
Strause, Florence D	do	1,036.67	.....
Helphenstine, R. K., jr	Clerk, at $1,100	1,100.00	.....
Rowden, Charles H	do	1,100.00	.....
Simonson, Edith	do	1,100.00	.....
Stockbridge, Helen E	do	1,100.00	.....
Stoddart, Grace M	do	1,100.00	.....
Young, Effie M	do	1,100.00	.....
Wiley, Albert A	do	983.83	.....
Gage, Charles E	do	614.17	267.61
Ban, Virginia M	Clerk, at $1,000	1,000.00	.....
Bradford, Virginia F	do	1,000.00	.....
Enoch, Henry H	do	1,000.00	.....

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Forest Service, 1907, $112,860"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
McLure	Clerk, at $1,000	$1,000.00	
Mary R	do	1,000.00	
arah G	do	1,000.00	
n, Robert R	do	1,000.00	
ıries E	do	441.66	
William J	do	558.33	
, Robert L	do	152.77	$543.59
, Matthew N	do	5.56	
Lilian T	do	750.00	
Frank E	Clerk, at $900	900.00	
Mary C	do	900.00	
ıse, Lucy C	do	900.00	
z, Anna P	do	900.00	
, Belle	do	900.00	
Edith R	do	867.50	
William J	do	397.50	
bert A	do	502.50	
Lilian T	do	225.00	
Elsie B	do	675.00	
Claude I	do	775.00	
n, L. R	do	125.00	
ula	Clerk, at $800	800.00	
ary M	do	800.00	
am, M. V	do	800.00	
nn, Martha M	do	800.00	
, Susanna	do	800.00	
Laura R	do	800.00	
Cora J	do	800.00	
Gertrude C	do	800.00	
n, Stella R	do	800.00	
na	do	800.00	
Ruby H	do	800.00	
ttie F	do	800.00	
Albert	do	800.00	
arah F	do	800.00	
Lula	do	800.00	
Alice M	do	684.44	
Elsie B	do	200.00	
Belle B	do	600.00	
n, L. R	do	688.88	
, Sue W	do	77.78	
Saidee W	do	344.44	
lbert	do	446.67	
e, Susie P	Clerk, at $700	700.00	
, Jennie B	do	700.00	
Nellie E	do	700.00	
, Mary L	do	700.00	
Hilda J	do	700.00	
elia B	do	700.00	
ra F	do	700.00	
, Pattie	do	700.00	
Rosalie McK	do	700.00	
nn M	do	700.00	
, Georgia E	do	700.00	
an A	do	698.06	
Leona	do	698.06	
ary T	do	624.16	
, Sue W	do	573.61	
Mattie M	do	97.23	
n, Teresa M	do	31.11	
n, Edith S	do	630.01	
Lillian V	do	379.17	
Caroline	do	320.83	
lbert	do	309.16	29.75
osemary	do	390.83	
Belle B	do	175.00	
Edith F	do	262.50	
Blanche A	do	262.50	
Lydia A	do	175.00	
la F	do	392.78	
race L	Clerk, at $600	600.00	
Elida M	do	600.00	
lice L	do	600.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Forest Service, 1907, $112,860"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Davidson, Augusta B	Clerk at $600	$600.00	
Taylor, Jennie	do	600.00	
Felder, Hattie E	do	593.33	
Judson, Blanche A	do	80.00	
Warder, Nannie	do	508.33	
Daniel, Lena A	do	11.67	
DePutron, E. S	do	60.00	
Robinson, Laura J	do	540.00	
Weaning, M. M	do	516.67	
Kendig, Laura L	do	83.33	
Rhode, Rosemary	do	265.00	
Goldsmith, G. N	do	335.00	
Steever, Laura W	do	375.00	
Leech, E. B	do	225.00	
Allston, M. P	do	190.00	
Simonson, Marie	do	401.67	
Raison, G. W	do	40.00	
Hawkins, Anna	do	560.00	
Kolb, Chas. A	Draftsman, at $1,800	1,800.00	
Taylor, Chas. L	Draftsman, at $1,400	1,400.00	
Witherow, John M	do	1,400.00	
Noel, J. S	Draftsman, at $1,200	1,200.00	
Tripp, Homer F	do	1,200.00	
Gosorn, Chas. B	Draftsman, at $1,000	1,000.00	
Kettler, Elise	do	1,000.00	
Coleman, T. C	do	761.11	
Noel, J. C	do	238.89	
Dean, Earle S	do	791.67	
Trembly, Guy T	do	208.33	
Brenizer, Nellie W	Artist, at $1,000	1,000.00	
Varela, Arthur G	Photographer, at $1,400	1,400.00	$3.83
Shipp, E. S	Photographer, at $1,200	1,200.00	
Blum, Arthur S	Photographer, at $1,000	1,000.00	
Speller, Turner R	Messenger, at $720	720.00	
Santucci, Joseph	do	719.00	
Brown, Henry D	Messenger, at $700	700.00	
Ellis, E. Maude	do	700.00	
Markwood, Wesley	do	700.00	
Marion, Bessie	Messenger, at $600	600.00	
Garrett, C. W	do	585.00	
Holland, Willis D	do	178.33	
Stack, John W	do	396.67	
Hoffman, Geo. L	Messenger, at $400	400.00	
Mansuy, John S	do	400.00	
Queen, Clifford F	do	400.00	
Austin, Chas. T	Carpenter, at $1,000	1,000.00	
Flaner, John	Carpenter, at $720	720.00	
Fowler, Geo. V	Watchman, at $700	700.00	
Nelson, John E	do	700.00	
Walter, Wm. L	do	700.00	
Lee, Robt. E	Electrician, at $700	700.00	
McClure, Samuel A	Skilled laborer, at $700	591.12	

Total amount of appropriation	$112,860.00
Total amount paid for salaries	112,133.16
Unexpended balance	726.84

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
)verton W	Associate forester, at $3,000	$3,000.00	$706.73
Eugene S	Expert lumberman, at $3,000	3,000.00	1,082.29
, James B	General inspector and special fiscal agent, at $2,700, and assistant forester, at $3,000.	2,750.00	906.28
'illiam L	Assistant forester, at $2,700	2,025.00	825.70
d, Frederick E	do	2,700.00	1,333.05
'd, Thomas H	do	2,700.00	1,532.21
'th. George B	do	2,700.00	193.19
', Ernest A	Assistant forester, at $2,200	1,466.66	964.83
Albert F	Inspector of grazing, at $2,500, and assistant forester, at $2,800.	2,550.00	1,489.60
'illiam C	Inspector of grazing, at $1,500	1,500.00	446.70
, Charles H	Inspector of grazing, at $1,200 and $1,500	1,375.00	790.43
ell, Joseph K	Inspector of grazing ,at $1,200	320.00	97.40
Edward T	Forest inspector, at $2,400	2,400.00	930.72
:t, Raymond E	Forest inspector, at $2,000	2,000.00	895.25
, Ralph C	do	633.33	
den, Alfred K	do	1,000.00	
n, Edward A	do	500.00	1,279.13
'ohn	Forest inspector, at $1,900	1,609.72	146.98
Elers	Forest inspector, at $1,700	850.00	834.48
Smith	do	1,700.00	1,390.98
, John H	Forest inspector, at $1,600 and $1,700	1,650.00	1,081.23
Edward E	Forest inspector, at $1,500, and chief of management, at $2,200.	1,616.67	1,010.78
, William B	Forest inspector, at $1,500 and $1,700	633.34	827.07
n, Daniel D	Forest inspector, at $1,400	466.67	2,907.24
ton, Paul G	do	1,400.00	1,075.15
s, Coert	Assistant forest inspector and forest inspector at $2,000.	2,000.00	1,226.84
rd, Carl G	Assistant forest inspector, at $1,800, and forest inspector, at $2,500.	2,266.67	1,565.78
l, Henry	Assistant forest inspector, at $1,800	750.00	841.58
Willard W	Assistant forest inspector, forest inspector, and forest supervisor, at $1,700.	1,700.00	582.51
ns, Harry J	Assistant forest inspector, at $1,700	991.66	121.85
n, Charles S	Assistant forest inspector, at $1,600, and chief of organization, at $2,200.	1,700.00	905.78
ranklin W	Assistant forest inspector and forest inspector at $1,600.	1,600.00	981.48
r, Geo. L	Assistant forest inspector, at $1,600	840.01	530.94
Alfred	do	800.00	786.48
illiam T	Assistant forest inspector and forest inspector, at $1,500 and assistant forester, at $2,400.	1,650.00	890.47
Samuel N	Assistant forest inspector, at $1,500, and chief of extension, at $2,200.	1,616.67	910.40
ntain, W. E	Assistant forest inspector, at $1,500, and assistant lumberman, at $1,500 and $1,800.	1,650.00	1,085.30
Wm. C., jr	Assistant forest inspector, at $1,400	1,400.00	589.35
ard, Karl W	do	1,400.00	936.39
s, G. Morris	Assistant forest inspector, at $1,300, and assistant chief of timber sales, at $1,700.	1,366.67	997.15
r, Theo. S., jr	Assistant forest inspector, at $1,300	216.67	966.18
n, Martin L	Assistant forest inspector, at $1,200	1,200.00	1,303.78
, John S	do	1,200.00	635.28
F. A	do	900.00	404.50
ıry, T. D	Assistant forest inspector, at $1,100	357.50	550.78
ırard B	Assistant forest inspector, at $300	300.00	43.90
ıphael	Forest assistant at $1,500 and chief of silvics, at $2,000.	1,583.34	545.17
Louis C	Forest assistant, and assistant forest inspector, at $1,500, and chief of planting, at $1,800.	1,550.00	530.35
n, Harry D	Forest assistant and assistant forest inspector, at $1,500.	1,500.00	202.31
Albert W	Forest assistant, at $1,500	1,012.50	306.69
William M	do	112.50	94.40
J. Girvin	do	1,500.00	825.86
, Royal S	Forest assistant, at $1,400; forest inspector, at $1,800, and chief of wood utilization, at $2,000.	1,633.34	750.13
William G	Forest assistant, at $1,400, and assistant chief of management, at $2,000.	1,500.00	1,075.91

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Wilson, Robert B.	Forest assistant, at $1,400	$700.00	$332.97
Leavitt, Clyde.	Forest assistant, at $1,300, and assistant chief of organization, at $1,800.	1,383.33	1,121.14
Record, Samuel J.	Forest assistant, at $1,300, and chief of reconnaissance, management, at $1,600.	1,000.01	1,371.30
Lyford, Charles A.	Forest assistant and assistant forest inspector, at $1,300.	801.66	74.20
Ayres, Robert W.	Forest assistant, at $1,300	1,300.00	1,618.69
Fetherolf, James M.	....do	1,300.00	248.33
Flintham, Stuart J.	....do	1,191.66	227.49
Mattoon, Wilbur R.	....do	1,300.00	1,820.25
Patterson, Allan B.	....do	650.00	186.51
Clapp, Earle H.	Forest assistant, at $1,200, and chief of timber sales, at $1,700.	1,283.34	708.71
Detwiler, Samuel B.	Forest assistant, at $1,200, and chief of cooperative extension, at $1,700.	1,283.34	627.19
Ringland, Arthur C.	Forest assistant, at $1,200, and chief of reserve boundaries, at $1,500.	950.00	883.43
Ashe, William W.	Forest assistant, at $1,200	1,083.33	85.00
Boisen, Anton T.	....do	1,200.00	264.17
Buck, Clarence J.	....do	600.00	343.76
Dunlap, Frederick.	....do	1,196.67	526.61
Hale, Harry M.	....do	1,200.00	490.26
Harris, Philip T.	....do	1,200.00	1,141.51
Hill, Cary L.	....do	1,200.00	475.74
Kelleter, Paul D.	....do	1,200.00	873.65
Mackaye, Benton.	....do	453.33	148.81
Margolin, Louis.	....do	1,200.00	631.42
Mell, Clayton D.	....do	1,200.00	576.11
Merrill, H. G.	....do	1,000.00	258.19
Neel, Harry C.	....do	1,166.67	738.99
Nelson, John M., jr.	....do	700.00	14.15
Reynolds, R. V. R.	....do	1,200.00	669.75
Sherfesee, Wm. F.	....do	1,200.00	334.94
Sterrett, Wm. D.	....do	1,100.00	384.02
Waha, Alpheus O.	....do	100.00	133.15
Weiss, Howard F.	....do	1,200.00	634.42
White, Leslie L.	....do	1,200.00	1,114.43
Miller, Frank G.	Forest assistant, at $1,200, at $12, and at $1,200.	344.63	310.48
Baker, Hugh P.	Forest assistant, at $1,200, and collaborator, at $12 per annum.	507.00	750.00
Bond, Jay F.	Forest assistant, at $1,100	797.50	776.77
Eastman, H. B.	....do	1,100.00	257.08
Hadley, Walter B.	....do	733.33	700.44
Hodson, Elmer R.	....do	1,100.00	728.04
Holroyd, H. B.	....do	1,100.00	594.59
Mast, William H.	....do	733.33	1,822.07
Piper, William B.	....do	366.67	143.39
Rebmann, Jeremiah	....do	455.28	.....
Smith, C. Stowell.	....do	1,100.00	428.67
Smith, Stanton G.	....do	1,100.00	1,331.74
Warner, Joseph D.	....do	1,100.00	902.73
Worthley, I. T.	....do	1,100.00	852.39
von Bayer, Wm. H.	Forest assistant, at $1,000, and chief of reconnaissance, extension, at $1,400.	1,066.67	579.54
Kent, Wm. H. B.	Forest assistant, at $1,000 and $1,400	1,200.00	1,891.83
Frothingham, E. H.	Forest assistant, at $1,000, and chief of compilation, at $1,200.	1,030.56	88.55
Ames, Fred E.	Forest assistant, at $1,000	997.23	636.05
Bradfield, Wesley.	....do	750.00	424.78
Bruins, J. Frank.	....do	41.67	159.15
Clifford, E. C.	....do	666.66	222.89
Coolidge, Philip T.	....do	44.44	199.55
Drake, W. M.	....do	50.00	259.16
Fromme, Rudo L.	....do	41.67	115.95
Galarneau, Dennis C. A.	....do	997.23	559.95
Guthrie, John D.	....do	1,000.00	1,127.82
Howarth, J. A., jr.	....do	997.23	32.15
Humphrey, C. J.	....do	333.34	191.64
Kempter, Wm. H.	....do	83.34	195.42

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
hington—Continued.			
ohn E	Forest assistant, at $1,000	$1,000.00	$813.41
lydney L	....do	997.23	749.24
Fred W	....do	41.67	115.70
ndrew E	....do	997.23	680.41
len S	....do	900.01	432.98
F. J	....do	997.23	825.78
rthur D	....do	41.67	68.59
el, A. B	....do	997.23	920.61
Homer S	....do	913.89	729.36
Eric O	....do	1,000.00	998.15
H. O	....do	1,000.00	1,202.93
Robt. Y	....do	997.23	875.68
g, J. P	....do	33.33	.....
Wilfred W	....do	41.67	76.45
A. H	Forest assistant, at $900	900.00	119.05
ı, C. E	....do	40.00	101.30
n, Alfred	Forest assistant, at $300	75.00	49.15
n, H. H	Forest assistant, at $4.50 per diem	63.00	.....
Edwin A	Computer and forest assistant, at $1,100, and assistant forest inspector, at $1,300.	1,253.33	174.85
s, Wm. T	Assistant lumberman, at $1,500	375.00	130.05
ohn S	....do	375.00	262.33
Mark	....do	375.00	414.75
orge L	....do	125.00	53.53
leorge P	....do	650.00	213.35
John P	....do	375.00	175.80
, F. X	....do	416.67	224.39
Wm. S	....do	375.00	204.94
Herbert A	Expert, at $2,500, and expert and editor, at $2,700.	2,533.33	454.84
ff, Geo. W	Expert, at $2,500	1,819.44	.....
lexander C	Classified expert, at $2,200, and principal examiner, at $2,500.	2,275.00	855.53
hilip P	Expert, at $1,800 and $2,200, and expert and law officer, at $2,700.	2,083.33	243.35
d, T., jr	Expert, at $1,800	1,800.00	.....
, R. W	....do	300.00	71.10
F. L	Expert at $1,600, and expert and chief of claims, at $1,800.	1,633.33	.....
Thomas J	Expert and assistant lumberman, at $1,500	687.50	605.40
leorge H	Expert, at $1,400	466.66	56.23
Henry C	....do	1,400.00	.....
Findley	Expert, at $1,200, and expert and chief of publications, at $1,600.	1,266.67	357.01
Bristow	Expert, at $1,200 and $1,400, and expert and chief of distribution, at $1,500.	1,300.00	.....
G. S	Expert, at $1,200	510.00	.....
P. D	....do	1,153.34	.....
Serope Y	Expert, at $900	675.00	133.43
n, Ernest	....do	862.50	18.55
ustin	Expert, at $300	300.00	.....
n, Hofer S	Forest expert, at $1,800	1,800.00	.....
E	Forest expert, at $1,600	1,484.44	560.37
Theo. P	....do	133.33	.....
n, E. M	Forest expert, at $1,500, and assistant lumberman, at $1,500 and $1,800.	1,650.00	725.00
A. J	....do	1,600.00	810.22
nstedt, Lage	Forest expert, at $1,000	1,000.00	1,347.27
and, B. R. II	Assistant forest expert, at $500	333.33	81.00
cht, Robt	....do	125.00	120.97
Oscar E	Assistant forest expert, at $480; topographical draftsman, at $600; and copyist, topographical draftsman, at $1,000.	556.67	.....
Wm. D	Assistant forest expert, at $480	128.00	99.22
F. McLeod	Assistant forest expert, at $400	44.44	.....
n, Arthur W	Expert in plant ecology, at $1,200	73.33	100.23
Geo. F	Clerk examiner, at $2,500	659.72	.....
John D	Examiner, at $2,000	2,000.00	.....
eo. E	Clerk, at $2,000, and fiscal agent, at $2,200	2,041.67	.....
n, Geo. G	Clerk, at $1,800	1,800.00	.....
Wm. F	Clerk, at $1,700	89.72	.....

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Tibbott, O. H.	Accountant, at $1,600	$1,600.00	
Hill, Harry L.	Clerk to Forester, at $1,600	1,600.00	$405.87
Gow, Bernard A.	Clerk, at $1,600	906.67	
Peyton, J. S.	do	1,600.00	
Strong, Lucy M.	do	1,600.00	
Will, Thomas E.	Clerk, at $1,500, and collaborator, at $300	500.00	281.01
Dutrow, B. H.	Clerk, at $1,400	264.45	
Scott, T. A.	do	416.10	
Squire, Charles H.	do	1,400.00	348.77
Falck, Joseph G.	Property clerk, at $1,200	166.67	
Adams, Bertha E.	Clerk, at $1,200	1,200.00	
Campbell, Robt. L.	do	200.00	
Smith, Albert M.	do	123.33	
Strause, Florence D.	Clerk, at $1,100	149.72	
Anderson, M. N.	Clerk, at $1,000	236.10	
Blessing, Wm. K.	do	102.78	
Loving, H. I.	do	875.01	
Sherman, Warren F.	do	1,000.00	
Brothers, Chas. S.	Law clerk, at $900	750.00	61.70
Moorman, Thos. M.	do	750.00	
Price, Evelyn L.	Clerk, stenographer, and typewriter, at $900	230.00	
Myers, Evie G.	Clerk, at $900	900.00	
Stagg, Carrie M.	do	75.00	
Andrews, Bessie M.	Clerk, s enographer, and typewriter, at $840	67.66	
Fairfax, Lucie E.	Clerk, at $840	840.00	
Owens, Nelson A.	Clerk, at $800	46.67	
McLaws, Meta T.	Clerk, stenographer, and typewriter, at $720	720.00	
Harrison, Louise T.	Clerk, at $720	720.00	
Munce, Stella W.	do	720.00	
Pfizer, Adele F.	do	720.00	
Rancke, Lillian V.	Translator, at $700	320.83	
Gonter, Clara H.	Clerk, stenographer, and typewriter, at $700	112.78	
De Loss, Marion W.	Clerk, typewriter, at $700	525.00	
Pence, Zula F.	do	307.22	
Baker, Margaret E.	Clerk, stenographer, and typewriter, at $600	450.00	
Barton, Mabel A.	do	255.00	
Berry, Mabel	do	388.33	
Bryan, Emily F.	do	58.33	
Carpenter, H. F.	do	228.33	
Carter, Susie E.	do	200.00	
Christy, Katherine B.	do	15.00	
Coale, Elsie R.	do	245.00	
Daniel, Lena A.	do	170.00	
Dow, Annie M.	do	210.00	
Eisenstein, J. C.	do	165.00	
Farquhar, Faith	do	180.00	
Gardner, Beryl G.	do	46.67	
Gordon, Edith F.	do	150.00	
Hallam, Monette	do	36.67	
Hansen, Leopaldine	do	58.33	
Holcombe, Laura M.	do	150.00	
Irving, Esther G.	do	400.00	
Judson, B. A.	do	281.67	
Knight, Mabel E.	do	238.33	
Lambert, May A.	do	188.33	
Lazenby, Roselle	do	133.33	
Linell, E. M. A.	do	248.33	
Liscom, Edith D.	do	205.00	
McClinton, C.	do	180.00	
McGregor, L. L.	do	506.67	
McNally, Ella	do	200.00	
McFate, E. L.	do	541.67	
Manderfeld, Bina	do	431.67	
Martin, Alice R.	do	448.33	
Maxon, Mary C.	do	200.00	
Monahan, E. C.	do	5.84	
Mullican, Eugenia	do	50.00	
O'Toole, Mary	do	255.00	
Pegram, Anne H.	do	600.00	
Reese, Dora	do	150.00	
Riley, K. M.	do	183.33	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ington—Continued.			
ara	Clerk, stenographer, and typewriter, at $600	$540.00	
Irene F	do	220.00	
Ursula	do	311.67	
Mamie D	do	218.33	
Laura W	do	56.67	
ı, Mabel G	do	186.67	
illiet B	do	80.00	
Jane C	do	300.00	
ulu C	do	195.00	
, Preston	do	210.00	
ster, Grace M	do	233.33	
ı, M. F	Clerk, typewriter, at $600 and $720	636.00	
ena	Clerk, typewriter, at $600	328.33	
Ethel C	do	471.67	
Pearl P	do	138.33	
, Edith A	do	130.00	
dith G	do	511.67	
', J. M	do	125.00	
, Ethel T	do	171.67	
, Susan A	do	345.00	
K. M	do	530.00	
J. L	do	110.00	
Goldie M	do	150.00	
A. N	do	110.00	
d, Mary J	do	21.67	
, Katherine	do	570.00	
lanche	Clerk, at $600	50.00	
', Emily	do	143.33	
. E	do	50.00	
H. E	do	50.00	
M	do	136.66	
Avis B	do	138.33	
Martha M	do	91.67	
ıe, Maude	do	35.00	
T. D	do	50.00	
s, Ethel I	do	146.67	
rn, M. W	do	50.00	
ons, A. C	do	171.67	
arie	do	150.00	
, J. S	do	50.00	
, Lora	do	35.00	
Bertha I	do	148.33	
Annie A	do	138.33	
llie	do	113.33	
Willie M	do	146.67	
Mabel	do	5.00	
ydia	do	68.33	
mily M	do	50.00	
innie L	do	200.00	
L. B	do	115.00	
Violet L	do	115.00	
Nettie M	do	91.67	
. A	do	120.00	
thel M	do	145.00	
. R	do	171.67	
l, M. R	do	45.00	
l, L. D	do	50.00	
, L. M	do	145.00	
. B	do	35.00	
Etta B	do	150.00	
ı, S. L	do	600.00	
M. C	do	35.00	
nd, E. M	do	50.00	
arrie N	do	150.00	
C	do	91.67	
Caroline	do	156.67	
er, H. K	do	110.00	
ılia T	do	50.00	
abel M	do	148.33	
Blanche	do	150.00	
Emma B	do	118.33	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Phillips, N. W	Clerk, at $600	$121.67	
Pierce, Marian N	do	8.33	
Quigley, Mary E	do	91.67	
Smith, Grace C	do	143.33	
Speck, A. L	do	30.00	
Stein, Hattie	do	515.00	
Stewart, Rose A	do	110.00	
Tate, Bertha L	do	80.00	
Temple, Susan B	do	120.00	
Thomas, Grace D	do	131.67	
Van Kirk, Lucy	do	85.00	
Veasey, E. M	do	121.67	
Weedon, M. L	do	50.00	
Werts, Mame E	do	115.00	
Whelan, Jennie Q	do	171.67	
Wills, B	do	23.33	
Bartmess, E. H	Clerk, typewriter, at $480 and $600	263.33	
Baker, Maude	Clerk, at $480 and $600	195.33	
Arnold, Mabel	Clerk, at $480	200.00	
Bernhardt, E. J	do	194.67	
Glase, Cornelia	do	308.00	
Goldsmith, G. N	do	212.00	
Hawkins, Anna	do	32.00	
Imhoff, Lillie V	do	320.00	
Keating, Edith F	do	314.67	
Kendig, Laura L	do	386.66	
Lane, Jennie M	do	100.00	
Leech, E. B	do	300.00	
Montrose, C. T	do	9.33	
O'Rourke, Fannie M	do	34.67	
Parkinson, E. F	do	128.00	
Patterson, H. R	do	174.67	
Pennebacker, Rosa C	do	192.00	
Platt, Ella M	do	133.33	
Riddell, Laura G	do	186.67	
Robinson, Laura J	do	48.00	
Simonson, Marie	do	157.34	
Stilwell, M. S	do	168.00	
Walton, Janet I	do	190.67	
Warder, Nannie	do	64.00	
Bassett, Chas. C	Topographer, at $1,800	140.00	[illegible]
Harrison, Dabney C	do	140.00	[illegible]
Stück, Emil H	Assistant, at $1,300	162.50	
Borgfeldt, R. E. Lee	Artist draftsman, at $1,200	[illegible]	
Hilton, George	Draftsman, at [illegible] and $[illegible]	[illegible]	
Trembley, Guy T	Draftsman, at [illegible] and copyist topographical draftsm[illegible]	[illegible]	
Sorensen, A. C	Draftsman, at $1[illegible] copyist topograp[illegible] ical draftsman, [illegible]	[illegible]	
Bollard, Donald C	Draftsman, at $900	[illegible]	
Noel, J. C	Draftsm[illegible] and copy[illegible] graphical man, a[illegible]	[illegible]	
Acker, Sarah L	Draftsm[illegible]	[illegible]	
Habercom, Elsa A	Topograph[illegible]	[illegible]	
Peyton, H. A	Copyist, [illegible]	[illegible]	
Thompson, E. R	do	[illegible]	
Barnes, Bessie A	Copyist, [illegible]	[illegible]	
Cottrell, Laura	do	[illegible]	
Fowler, Annie E	do	[illegible]	
Gosorn, Josie	[illegible]	[illegible]	
Hoyle, A. E	[illegible]	[illegible]	
Kirtland, A. G	[illegible]	[illegible]	
Noyes, Clare B	[illegible]	[illegible]	
Stewart, Mary C	[illegible]	[illegible]	
Throckmorton, R. C	[illegible]	[illegible]	
Waggaman, Josephine	[illegible]	[illegible]	
Wilcox, Myrtle O	[illegible]	[illegible]	
Jones, C. C	[illegible]	[illegible]	
Hahn, J. S., jr	[illegible]	[illegible]	
Faunce, Philip W	[illegible]	[illegible]	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ington—Continued.			
ıas. R.	Forest student, at $300 and $1 per diem, and expert, at $1,200.	$689.50	$85.60
I. F.	Forest student, at $300, and forest assistant, at $1,000.	865.83	1,409.19
J. Y. St. J.	Forest student, at $300 and $1 per diem.	110.99	
Howard B.	Forest student, at $300, agent, at $480, and forest student, at $300.	154.16	129.41
). Philip.	Forest student, at $300.	89.99	71.45
L. W.	do	69.17	
Hugh G.	do	167.50	
James M.	do	32.50	
arren O.	do	150.00	
ohn H.	do	75.00	147.11
ı, B. C.	do	168.33	
Ralph A.	do	32.50	
J. F.	do	93.33	287.26
ı, Edw. J.	do	32.50	
Louis S.	do	58.34	
ssell G.	do	227.50	392.50
ohn F.	do	33.33	
eo. E.	do	175.00	165.59
G.	do	32.50	
S.	do	19.17	
. W.	do	160.83	
E. S.	do	58.34	
win E.	Telephone lineman and repairer, at $65 per month.	52.00	75.05
ierville.	Carpenter, at $3.50 per diem	344.75	
H. W.	Carpenter, at $3.50 per diem and at $720	814.50	
G. C.	Carpenter, at $3 per diem	30.00	
ın.	Painter, at $3.50 per diem	304.50	
onzo.	do	42.00	
Vm. L.	do	175.00	
eo. W.	Messenger, at $600	221.67	
M. J. S.	Messenger boy, at $360	150.00	
y, T. R.	do	102.00	
Albert.	do	360.00	
James M.	do	360.00	
M.	do	37.00	
yer, Fred.	do	244.00	
alph M.	do	67.00	
J. A.	do	150.00	
allace L.	do	343.00	
Consuela.	Skilled laborer, at $600	23.33	
M. A. J.	Skilled laborer, at $480	269.33	
Charles.	Skilled laborer, at $40 per month, and lithographer helper, at $2 per diem.	57.33	
Villiam.	Laborer, at $45 per month	453.00	
ant P.	Unskilled laborer, at $560	560.00	
ıomas.	Unskilled laborer, at $45 per month and $1.50 per diem.	84.00	
Horace.	Unskilled laborer, at $1.50 per diem	37.50	
W. E.	Unskilled laborer, at $480	261.33	
ckson.	do	300.00	
T.	do	106.67	
lenry C.	do	301.33	
ter P.	do	110.67	
illiam T.	do	8.00	
	Unskilled laborer (charwoman), at $240	218.67	
Mary A.	Charwoman, at $480	480.00	
Emily.	Charwoman, at $240	168.00	
n, H.	do	240.00	
, M. L.	do	240.00	
daggie.	do	240.00	
rtha.	do	240.00	
Annie A.	do	93.33	
M.	do	240.00	
l.		254,756.50	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Plummer, Fred G	Civil engineer, at $2,000 and $2,200	$2,033.33	$254.42
Fitzgerald, C. W	Surveyor, at $1,200	520.00	471.20
Hunt, Loren E	Engineer in timber tests, at $2,000	1,499.99	301.22
Betts, Harold S	Engineer in timber tests, at $1,600	1,600.00	446.15
Cline, McGarvey	Engineer in timber tests, at $1,200, and chief of wood uses, at $1,600.	1,266.67	938.17
Knapp, Joseph B	Engineer in timber tests, at $1,200	1,200.00	602.81
Thelen, Rolf	....do	1,200.00	352.18
Wheaton, W. R	....do	1,200.00	118.45
Goss, O. P. M	Engineer in timber tests, at $1,100	1,100.00	326.45
Newlin, John A	....do	1,100.00	112.76
Heim, Arthur L	Engineer in timber tests, at $1,000	666.67	92.90
Venemann, T. W	Assistant engineer and testing assistant, at $800.	266.67	.....
Bixby, James Orr	Timber testing assistant, at $800	35.56	.....
McKenzie, H. E	Testing assistant, at $800	35.56	.....
Berry, Cornelius	Agent in timber tests, at $700	700.00	.....
Hatt, W. K	Expert, at $1,000	1,800.00	609.08
Dean, Arthur L	Expert, at $1,500	1,500.00	635.82
Bristol, H. S	Expert, at $1 200	1,000.00	1,263.89
Geer, W. C	....do	1,150.50	934.61
Sheller, David B	Superintendent, at $2,000	166.67	831.90
Miller, Robt. E	Forest supervisor, at $2,100	700.00	208.65
Allen, G. F	Forest supervisor, at $1,900	158.33	430.46
Pearce, Wm. H	Forest supervisor, at $1,800	150.00	350.35
Kneipp, Leon F	Forest supervisor, at $1,700	425.00	666.68
Pooler, F. C. W	....do	425.00	490.68
Blair, James A	Forest supervisor, at $1,600	533.34	396.84
Bunker, Page S	....do	266.67	555.73
Jones, Zeph	....do	533.34	82.45
Kerr, John	....do	400.00	348.47
Mainwaring, Edw. S	....do	533.34	246.08
Russell, Edwin C	....do	533.34	160.14
Farmer, John W	Forest supervisor, at $1,500	1,000.00	707.97
Kinney, David G	....do	375.00	204.24
Morrisey, Edw. F	....do	500.00	177.00
Mains, Guy B	Forest supervisor, at $1,400	466.67	112.16
Moore, Robert J	....do	350.00	14.08
Rutledge, R. H	....do	466.67	89.90
Torstenson, Nels O	....do	466.67	352.95
Fitton, David E	Deputy forest supervisor, at $1,400	303.34	47.28
Marshall, D. S	....do	233.33	374.17
Wyman, Cyrus K	....do	350.00	.....
Nelson, Jesse W	Deputy forest supervisor, at $1,200 and $1,600, and forest supervisor, at $1,600	484.45	47.00
McKinnon, Wm. R	Forest ranger, at $1,400, and assistant lumberman, at $1,500	491.67	565.30
Barnett, David	Forest ranger, at $1,400	466.67	254.85
Bentz, Geo. G	....do	466.67	113.00
Hall, Chas. C	....do	464.17	515.19
Harris, Hugh H	....do	466.67	158.30
Hinderer, Chas. H	....do	116.67	126.90
Willson, R. G	....do	116.67	11.90
Woods, C. N	....do	466.67	.....
Blackhall, James	Forest ranger, at $1,300	433.34	.....
Kenner, Beauregard	....do	433.34	150.40
Thurston, Harry W	Forest ranger, at $1,200, and deputy forest ranger, at $1,400	450.00	53.30
Chidsey, Thomas E	Forest ranger, at $1,200 and $1,400	433.34	27.45
Anderson, Milton J	....do	450.00	55.25
Britten, Ernest	Forest ranger, at $1,200	300.00	77.75
Callister, T. C	....do	400.00	.....
Ingram, Guy M	....do	400.00	.....
Jones, John D	....do	400.00	.....
McMullin, Chas. E	....do	200.00	182.14
Pogge, Ulrich C	....do	100.00	7.80
Spaulding, T. C	....do	53.33	.....
Spencer, H. L	....do	100.00	.....
Stahl, Carl J	....do	300.00	336.35
Steele, Foster	....do	300.00	.....
Whidden, Geo. L	....do	200.00	.....
Whitney, F D	....do	300.00	126.40

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for traveling station and field expenses.
ashington—Cont'd.			
on, W. D	Forest ranger, at $1,080	$270.00	$224.85
Roy	Deputy forest ranger, at $1,100, and deputy forest supervisor, at $1,200.	388.61	
. B	Deputy forest ranger, at $1,100	366.67	
\. B	do	91.66	
, Harry S	do	366.67	
Robt. A	do	366.67	66.30
eo. C	do	183.34	
rence B	do	366.67	
ames H	Deputy forest ranger, at $1,000, and forest ranger at $1,200 and $1,400.	763.91	317.77
hn D	Deputy forest ranger, at $1,000	166.67	
, Chas. H	do	333.34	
, Wm. F	do	111.12	
hip, S. A	do	166.67	
Bert F	do	319.45	
, E. S	do	325.01	
eo. M	do	333.34	
Percy	do	253.34	87.26
ıry C	do	333.34	
Ed. H	do	333.34	
. W	do	397.22	
e, E. E	do	333.34	
ydney E	do	333.34	
Geo. H	do	166.67	
es O	do	333.34	
as. G	do	333.34	
John	do	416.67	
n	do	250.00	
Arthur C	do	333.34	
n H	do	333.34	
ohn	do	333.34	
L	do	416.67	
m. W	do	416.67	
ilas W	do	333.34	
m. W., jr	Deputy forest ranger, at $900 and $1,080, and forest ranger, at $1,400.	323.34	4.38
ney O	Deputy forest ranger, at $900	300.00	
hn R	do	90.00	
ın H	Assistant forest ranger, at $900, and forest ranger, at $1,200.	1,110.00	1,241.83
nest W	do	522.50	582.20
Hugh M	Assistant forest ranger, at $900, and deputy forest ranger, at $1,000.	316.67	
. J	Assistant forest ranger, at $900	40.00	
John E	do	215.00	
ı. J	do	137.50	
G. J	do	67.50	
ıas. J	do	300.00	
Geo. E	do	150.00	
ıt, B. F	do	75.00	
eo. W	do	112.50	
homas M	do	300.00	
ilbert D	do	172.50	
oland W	do	150.00	
oscoe J	do	300.00	$237.50
yrus L	do	300.00	
C	do	300.00	
J. D	do	127.50	
F. W	do	177.50	
Harry E	do	110.00	
y	do	252.50	
hn E	do	300.00	
artin S	do	150.00	
. F	do	240.00	
John A	do	150.00	
L	do	300.00	
Fred	do	150.00	
John, jr	do	375.00	
H. H	do	300.00	
lfred E	do	300.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Harris, Lee A	Assistant forest ranger, at $900	$225.00	$822.45
Hastings, Lucas W	do	150.00	
Haun, Frank D	do	240.00	
Hays, John W., jr	do	310.00	
Heilman, Benj. C	do	75.00	110.73
Hoge, Wm. B	do	75.00	8.05
Kertz, Chas. H	do	300.00	
Lantry, V. G., jr	do	300.00	
Lyon, Robt. G	do	120.00	
McCullough, Wm. A	do	75.00	
McGhie, Wm. M	do	300.00	
Martin, Geo. E	do	150.00	
Mason, W. G	do	290.00	
Mundell, Lewis J	do	40.00	11.65
Myers, Lester S	do	150.00	
Neal, Arthur M	do	115.00	
Neff, Wm. C	do	265.00	
Nielson, Oluf G	do	202.50	
Park, Chas. H	do	75.00	
Parke, Morgan	do	40.00	
Patterson, Chas. F	do	300.00	
Perkins, John E	do	287.50	
Peterson, Lehi, jr	do	237.50	
Peterson, Peter G	do	300.00	
Philips, Ress	do	75.00	49.70
Riis, John	do	297.50	
Rollinson, J. K	do	225.00	
Rose, Hyrum O	do	300.00	
Rosecrans, R	do	375.00	
Sandercook, B. F	do	72.50	
Skinner, Wm. D	do	75.00	
Smith, Charles	do	300.00	
Smith, Glen A	do	300.00	
Sparhawk, Frank O	do	147.50	
Stahl, Edw. G	do	300.00	
Stephenson, Elmer E	do	67.50	
Swan, William	do	300.00	
Thompson, James M	do	97.50	
Tremewan, C. S	do	327.50	
Walker, Albert B	do	300.00	
West, John C	do	300.00	
Whiting, John K	do	300.00	
Winn, Frederic	do	282.50	
Young, Carl H	do	150.00	
Arnold, Asa G	Forest guard, at $900	65.00	
Baker, G. A	do	250.00	
Beam, Chas. A	do	40.00	
Billings, Jay	do	220.00	
Brady, James	do	177.50	
Brewster, F. C	do	115.00	
Brock, Wm. H	do	10.00	
Buol, Frank A	do	243.75	
Bushnell, R. H	do	52.50	
Buster, Monty F	do	202.50	
Butler, Frank M	do	127.50	
Butterfield, Wm. C	do	45.00	
Cadle, Theodore	do	75.00	
Cockrell, Ora	do	232.50	
Cook, John H	do	225.00	
Darley, Wm. M	do	2.50	
Dewitt, Jessie	do	75.00	
Dingley, R. G	do	32.50	
Edson, Gordon	do	137.50	88.35
Edwards, Eli	do	137.50	
Elder, Jason S	do	225.00	
Ellis, J. W	do	127.50	
Fleming, James W	do	75.00	
Fuller, J. S	do	30.00	
Gaslin, J. A	do	132.50	
Giddings, J. G	do	167.50	
Gilbreath, E. R	do	167.50	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ashington—Cont'd.			
)bt	Forest guard, at $900	$187.50	
David B	do	200.00	
W	do	4).00	
A	do	62.50	
y, W. R	do	225.00	
, D. D	do	82.50	
d G	do	210.00	
n, T. E	do	115.00	
d, H. W	do	115.00	
rbert L	do	75.00	
A. L	do	17.50	
R. B	do	115.00	
James H	do	115.00	
on, J. H	do	127.50	
o. E	do	75.00	
lvin M	do	222.50	
O	do	75.00	
William	do	225.00	
a, Bert A	do	150.00	
a, J. H	do	207.50	
I. S	do	127.50	
V. A	do	75.00	
Harry E	do	292.50	
red	do	220.00	
D. R	do	167.50	
W. A	do	75.00	
. M. E	do	225.00	
	do	172.50	
)o J	do	115.00	
eo	do	105.00	
m. L	do	165.00	
. W. J	do	25.00	
lert G	do	137.50	
m. O	do	137.50	
Arthur	do	115.00	
leo. F	do	52.50	
Daniel	do	40.00	
ichael	do	10.00	
Edward	do	20.00	
)	do	17.50	
's D	do	40.00	
L	do	257.50	
oysten J	do	225.00	
, Chas. A	do	127.50	
)rloff A	do	75.00	
, R. W	do	115.00	
)avid O	do	190.00	$1.25
I. P	do	25.00	
G. M	do	162.50	
Chas. C	do	15.00	
mery E	do	150.00	
d, C. L	do	145.00	
ge, Geo. L	do	285.00	
ylvanus	do	207.50	
. A	Forest guard, at $720, and assistant forest ranger, at $1,100.	204.72	
ver A	Forest guard, at $720 and $900	270.00	
. A	do	242.50	
n, A	do	135.00	
Chipman L	do	270.00	
M	do	270.00	
H. E	do	226.00	
. E	do	270.00	
R	do	270.00	
red	do	270.00	
J. V	do	145.00	
. B	do	255.00	16.70
arl L	Forest guard at $720	300.00	
, A. L	do	152.00	
Carl B	do	220.00	
ank	do	38.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Bass, Daniel E	Forest guard, at $720	$24.00	
Blocker, Sam A	do	48.00	
Bockman, F. E	do	120.00	
Bolen, J. H	do	60.00	
Boynes, Wm. B	do	196.00	
Bradford, Fred M	do	38.00	
Brann, Frank R	do	40.00	
Brewer, J. L	do	106.00	
Buck, L. L	do	48.00	
Bush, Frank H	do	120.00	
Callahan, T. J	do	180.00	
Carl, Fred W	do	174.00	
Cathey, A. J	do	20.00	
Chisholm, C. C	do	26.00	
Christensen, E. M	do	120.00	
Cluff, Harvey M	do	212.00	
Cody, James	do	120.00	
Cole, Frank P	do	204.00	
Collins, Stanley	do	66.00	
D'Ewart, Robt. A	do	60.00	
Divine, E. S	do	240.00	
Douglass, C. M	do	94.00	
Drew, N. B	do	76.00	
Flynn, James P	do	60.00	
Foster, S. T	do	240.00	
Gatlin, Albert A	do	240.00	
Gerrish, H. D	do	172.00	
Gilkey, Sylvester	do	240.00	
Green, Hugh H	do	42.00	
Hawkins, Lewis	do	98.00	
Hilderbrand, L. T	do	50.00	
Holmes, E. T	do	124.00	
Jack, F. M	do	60.00	
Jamison, James H	do	60.00	
Jennings, Henry L	do	96.00	
Johnson, Wm. P	do	48.00	
Johnston, Wm. F	do	120.00	
Jones, John	do	48.00	
Jones, Rees V	do	150.00	
Long, H. H	do	206.00	
Longwell, T. B	do	48.00	
Lowery, Fred R	do	120.00	
Lucas, Roy	do	82.00	
McDonald, Wm. J	do	166.00	
McGuinness, John B	do	124.00	
McKnight, J. T	do	152.00	
Maelzer, Julius G	do	50.00	
Mapes, Homer J	do	124.00	
Marshall, Chas	do	120.00	
Martinez, Daric	do	240.00	
Moody, Arthur E	do	188.00	
Moore, Robt. B	do	80.00	
Moore, Wm. E	do	240.00	
Morrissey, E. H	do	106.00	
New, John	do	56.00	
Nibley, Cyrus	do	60.00	
Parker, Edgar	do	8.00	
Pelton, James	do	174.00	
Petit, F. P	do	60.00	
Plowman, John R	do	50.00	
Pradt, Geo. K	do	224.00	
Quinn, James E	do	78.00	
Ray, C. W	do	60.00	
Raymond, W. A	do	120.00	
Rogers, J. H	do	118.00	
Rogers, Perry R	do	96.00	
Ryan, W. J	do	60.00	
Sanders, A. J	do	64.00	
Sargent, James H	do	224.00	
Sellers, Oliver S	do	200.00	
Shanafelt, Wm. H	do	88.00	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
'ashington—Cont'd.			
, J. H	Forest guard, at $720	$156.00	
eo. L	do	120.00	
alph A	do	54.00	
Artman	do	120.00	
J. S	do	125.00	
G. E	do	138.00	
Roy E	do	52.00	
toss S	do	138.00	
F	do	120.00	
H. B	do	120.00	
ed	do	184.00	
ra E	do	240.00	
Roy	do	152.00	
t. W	do	120.00	
, A. B	do	24.00	
as. A	Forest assistant, at $1,300, and forest supervisor, at $1,500.	783.90	$1,978.96
eo. W	Forest assistant, at $1,300	1,300.00	2,660.05
). H	Forest assistant, at $1,200, and $1.25 per diem and at $1,200.	337.50	198.00
Valter J	Forest assistant, at $1,200 and $1,200 and $1.25 per diem.	720.00	538.52
Harold D	Forest assistant, at $1,100 and $1.25 per diem	647.08	191.40
ohn H	Forest assistant, at $1,000 and $1.50 per diem	41.67	109.60
Douglas	do	449.56	89.70
Horace F	Forest assistant, at $1,000 and $1.25 per diem, at $1,000 and $1.50 per diem.	485.34	630.98
as. H	Forest assistant, at $1,000 and $1.25 per diem	170.83	225.52
t, Richard F	do	519.17	275.15
, Burt P	do	284.59	81.75
orr	do	519.18	83.55
James T	Special agent, at $1,800	130.00	60.10
os A	Forest agent, at $1,800	760.00	730.17
ant	Forest agent, at $1,100	1,100.00	
, P. D	Forest agent, at $900	167.50	19.17
Frank	do	750.00	306.10
Carl A	Forest agent, at $800	66.67	109.11
A	do	800.00	
D. C	Forest agent, at $750	731.25	
V. G	Forest agent, at $720	720.00	570.46
C	do	682.00	419.67
has. E	Forest agent, at $700	169.16	
ohn, jr	Forest agent, at $600	75.00	81.42
. Hoyt	do	75.00	77.84
a Moree	Forest agent, at $420	113.17	211.46
Robt. H	Agent, at $15 per month	98.00	
H	Forest agent, at $1 per annum, and expert, at $2,000.	261.18	18.71
er, J. T	Agent, at $1 per month, and inspector of grazing, at $1,200.	1,050.50	744.45
Frank	Clerk, at $1,000	66.66	
ery, E. F	do	250.00	
	Clerk, stenographer, and typewriter, at $900	170.00	
arry W	do	525.00	111.25
, U. M	do	75.00	
W	Clerk, at $900	845.00	
Ollie	Clerk, stenographer, and typewriter, at $720	20.00	
Fern	do	68.00	
ester B	Stenographer and typewriter, at $60 per month.	82.00	
E	Clerk, stenographer, and typewriter, at $40 per month.	80.00	
Selma A	Clerk, stenographer, and typewriter, at $300	268.33	
f, E. L	Stenographer and typewriter, at $300	125.00	
M	Collaborator, at $500	500.00	521.79
W. E	Collaborator, at $300, constructing engineer, at $2,000, and chief of engineering, at $2,400.	1,344.72	436.90
ed W	Collaborator, at $300	300.00	
as. E	do	300.00	
n. L	do	300.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Dickson, Wm. S	Collaborator, at $300	$150.00	
Dudley, Wm. R	do	300.00	
Fox, Wm. F	do	300.00	
Graves, Henry S	do	200.00	$42.75
Hosmer, Ralph S	do	300.00	
Jepson, Willis L	do	300.00	
Johnston, Geo. A	do	150.00	
Little, A. D	do	300.00	
Mason, Silas C	do	115.83	
Smith, Geo. K	do	300.00	
Toumey, James W	do	300.00	
Crocker, F. B	Collaborator, at $5 per diem	25.00	
Deems, J. F	do	35.00	
Dudley, Chas. B	do	25.00	
Goss, Wm. F. M	do	140.00	
Hexamer, Chas. A	do	20.00	
Hunt, Robt. W	do	47.50	
Kelley, H. G	do	30.00	
Total		112,138.03	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140."

Name.	Amount.	Name.	Amount.
Stationery.		*Stationery*—Continued.	
Abraham & Karsky Co	$3.50	Swayze, W. L	$3,676.86
Amberg File & Index Co	76.94	Saturn Co., Samuel C	.35
American Lead Pencil Co	43.16	Typewriter and Office Supply Co	19.00
Andrews Paper Co., R. P	2,761.38	Underwood Typewriter Co	28.35
Ballantyne, R. Carter	6,212.66	Union Envelope Co	1,743.28
Barker, J. V	2.00	United States Envelope Co	4,759.83
Bushnell Co., Alvah	50.50	Valentine Stamp Co	10.50
Curtiss & Bradley	6.65	Walker, J. W	3.60
District of Columbia Paper Manufacturing Co	77.40	Woodward & Lothrop	5.50
Eagle Pencil Co	64.27	Yawman & Erbe Manufacturing Co	1,827.05
Elliott-Fisher Co	10.50	Total	27,218.36
Johnston & Co., Wm. G	65.00		
Katzenstein & Co., Otto	12.50	*Miscellaneous supplies, etc.*	
Keuffel & Esser Co	333.30		
Killian Co., Geo. P	123.00	Abbott, Carl L	4.00
Lamb & Tilden	186.34	Abbott, E. H	29.65
Library Bureau	605.45	Abercrombie & Fitch Co	34.50
Lincoln, Fred S	435.88	Abraham & Karsky Co	6.65
Lindemeyr, Philip	34.40	Ackerman, J. Q	22.74
Monarch Typewriter Co	25.50	Adams, Albert	7.50
Moore Co., The	1.00	Adams, A. J	137.50
Morrison Paper Co., E	7.10	Adams, Geo. H	16.45
Newman, E. S	5.50	Adams, James	16.25
Oliver Typewriter Co	6.50	Adair, Wm. L	15.00
Olney Hardware Co	2.15	Adkins, Jesse T	12.80
Parker, D. Frank	1,720.55	Age-Sentinel	6.00
Rau, John C	1.30	Ainsworth & Sons, Wm	12.65
Remington Typewriter Co	837.77	Alba, J	47.00
Schmid, Edw. S	1.50	Albrecht, Jacob	10.00
Schmidt, Fred A	3.10	Alires, Hilario	15.00
Sharp & Sons, F	278.40	Allen, Clarence L	54.00
Smith, W. E	1.25	Allen, J. C	11.00
Smith Premier Typewriter Co	4.50	Allen, Maynard E	19.05
Stockett-Fiske Co., The	931.39	Allen Gold Mining Co	308.25
Storms Co., H. M	150.00	Alles, Conrad	4.00
Stott & Co., Chas. G	61.67	Allred, Orson P	53.00

FOREST SERVICE—Continued.

enditures for the fiscal year ended June 30, 1907, under appropriation General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
supplies, etc.—Con.	
A. S.	$8.50
e and Supply Co.	2.40
	15.00
aler	29.50
	3.25
	13.50
d Index Co.	30.00
	110.00
ware Co.	78.55
berman	22.32
ting Co.	9.50
ing Machine Co.	100.00
e and Cooperage Co.	6.99
and Wire Co.	22,713.34
per Mining Co.	84.65
dard	58.80
W	2.00
	6.20
liam	20.00
aker	69.10
ber and Hardware Co.	27.65
	5.90
	89.66
tin	9.75
r Co., R. P.	48.50
	47.00
	8.00
oville Co.	58.68
	18.75
lam	90.00
	127.11
E.	12.00
ne W	51.00
I	22.15
ishing Co.	2.40
nes	7.35
es	8.00
	255.99
demar	36.20
ngs	2.75
	41.97
man S.	320.00
antile Co. (Limited)	5.23
s	40.00
	7.50
org Co.	14.00
F	40.00
	15.00
Geo. V	58.55
	15.00
	74.84
us	15.75
I	4.80
	533.00
	24.35
F	2.50
ler & McAnally	16.55
lerald	14.00
Hardware Co.	85.00
	47.90
rlie	10.00
	6.00
R. Carter	370.79
Sons, Wm.	1.77
lip	18.10
ericana Co.	6.00
	2.00
ss	423.24
	22.00
	15.00
	17.50
	13.68
	25.00
	2.40
, G. S.	203.08
rge	10.00
nas A.	20.00

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Barnstead Pure Water Still Co	$8.00
Barr, A. J.	34.00
Barrett, Arthur C.	94.00
Barrett Hicks Co.	75.10
Barry, S. B.	2.25
Bartlett, Arthur W.	132.02
Bartlett, Chas. R.	24.00
Basche-Sage Hardware Co.	36.70
Bassett Lumber Co	116.02
Bates, B. W.	3.50
Bates, Carlos G.	32.50
Bates, G. M.	66.00
Bates, James G.	6.20
Bates Manufacturing Co.	2.70
Baumgarten, Herman	19.90
Baumgarten & Sons, J.	46.25
Bausch & Lomb Optical Co.	50.50
Beach & Wellman	115.05
Beager, Albert G	40.00
Beal, Orion Lester	2.50
Beamish, Wm. H.	27.35
Bean Hardware Co., A. B.	49.90
Beardslear, George	1.50
Beaton, R. A.	12.00
Beaver Equitable Corp.	1.60
Beck, Bert	10.00
Becker, Conrad	59.00
Becker & Co., Chas.	22.95
Becker, Gustav	7.25
Bedell, Amelia	103.83
Bee Publishing Co.	16.50
Beebe Lumber Co.	10.00
Beggs, A. L.	20.00
Beggs, J. G.	22.88
Behrman, William M.	63.00
Bell, Golden W.	27.00
Bell, J. R.	29.82
Belt Valley Times Co.	11.50
Benner, H. L.	1.25
Bennett, Bertha	10.00
Bennett, Howard R.	4.00
Bennett, Thos. R.	17.50
Benson, R. C.	19.00
Bentel & Margedant Co., The	4.00
Bentilla, Matt	1.50
Berea College	49.54
Berg, H.	3.15
Berger, James	63.00
Berglean, Jno.	18.00
Bernard, M. T.	10.50
Bernard, Virile	17.50
Berray, James J.	260.00
Berry, C. H.	75.00
Berry, Charles	10.00
Berry, Marcus	66.00
Berryman, J. F.	4.50
Besecker, Ray	33.00
Betts, Norman De Witt	135.00
Betz, Geo.	5.44
Bickel, Geo. L.	10.90
Biegel & Sceble	8.00
Biegert, J. C.	40.45
Bigelow, J. A.	44.54
Big Hole Breezes	6.50
Billings, M. E.	26.00
Bimerick, Henry	7.50
Bisbee, Daniel	94.00
Bishop, F. L.	32.75
Bishop, Joseph	19.00
Bishop, Walter C.	15.50
Bixby, James Orr	118.00
Blade Publishing Co.	4.00
Blair Camera Co.	3.50
Blake, F. G.	42.00
Blakeley, Wm. H.	54.50
Blanc, Fred L.	82.50
Blankenship, Harry C.	17.50

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Blathernick, J. A.	$16.00	Brownell Bros. Co. (Limited)	$28.75
Bletcher, Maitland B.	20.00	Bryant, E. F.	24.00
Blinman Co., The Fred	22.30	Bryant & Trott Co	29.40
Blinn Lumber Co., The L. W.	592.78	Buckhouse, J. D.	7.50
Block-Miller Lumber Co.	134.66	Buckley, Arthur F.	12.80
Blodgett, B. F.	52.35	Budd & Sons, D. B.	23.75
Blue Lake Advocate	2.50	Buenzle, Henry	96.50
Blue Mountain American	25.60	Buffalo Bulletin	7.84
Boalich, E. S.	16.75	Buffalo Hardware Co., The	3.00
Boehmer & Co., L.	11.39	Buffalo Voice	2.90
Boeseke-Dawe Co	89.70	Bullard, F. A.	10.00
Boesel, Carl	5.00	Bundy, E.	10.00
Bohnenkamp Co., W. H	151.09	Bunnell, S. A.	24.00
Boise Commission Co.	1.50	Burch & Co., F. J.	11.00
Boise Republican	6.90	Burd, Eli M.	55.90
Bond, Spencer	55.00	Burden, Fred G.	19.50
Bonebrake, Geo. A.	40.00	Burke & James	12.47
Bonner, A. W.	6.33	Burmister & Sons Co., R. H.	21.40
Bonner Lumber Co.	155.82	Burnett Sons	25.00
Bonner Mercantile Co	13.15	Burnheim, M.	10.38
Bonners Ferry Lumber Co. (Limited)	70.80	Burnett, E. A. (director Nebraska Experiment Station)	68.50
Bool, Chas	17.55	Burton & Son, R. C. M.	215.20
Boothe, Creston L.	56.25	Bush, L. S.	31.85
Boothe, Frank	56.25	Busher, Louis	5.00
Borden, Allen	26.00	Bushnell Co., Alvah	40.00
Boulware, Robt	22.00	Bushnell, Bernice	35.00
Bowen, J. C.	299.32	Bushnell, J. B.	15.05
Bowen, R. E.	29.00	Butler, Emil	23.75
Bowen, W. Jones.	19.00	Butler, J. B.	28.00
Bowles, E. C.	24.75	Butler, Jas. P	35.00
Bowman & Co.	30.60	Butler Co., W. H	1.00
Boyce, Ernest	7.00	Butte and Boulder Mining Co	30.00
Boyce, George	8.00	Byer, Wm. H	7.00
Boyes, Wm. B.	30.00	Byrne & Co., John	226.50
Boyle, Cy.	300.00	Cahoon, Leon L.	232.14
Brackett, Burt	11.50	Caldwell, Mrs. Dan	34.80
Bradford, C. A.	12.50	Caldwell, T. J.	24.22
Bradford, May Cody	5.00	California Hot Springs Co.	173.24
Bradford, T. C.	160.00	Calkins, Donald J	168.75
Bradley, C. C.	21.40	Calkins, Hugh G	42.00
Bradley, Walter H	15.00	Callaghan & Co	6.00
Brady, Chas. E.	75.00	Calley, J. D.	10.00
Brainard, John C.	9.00	Callow, Fred B.	1.70
Brandon, W. F.	8.57	Camas Prairie Courier	1.50
Braum, Frank R., jr.	64.00	Cameron, A. A.	44.25
Breen, John	10.00	Canova, G.	12.75
Breeze Publishing Co.	1.43	Cantrall, Omar	35.63
Brennan Joe	20.00	Canyon City Commercial Co	41.81
Brentano's	682.00	Cape, Mabel G.	2.00
Bringhurst, J. T.	12.00	Capital Traction Co.	160.00
Britten, Ernest.	65.00	Capitan News	18.60
Brizard (Incorporated), A.	85.25	Capps, Wilson A.	11.25
Broadwater County Hardware Co.	166.99	Carbon Timber Co.	431.67
Brockenberry, Alfred	19.95	Carbonate Chronicle	21.50
Brookings Lumber and Box Co	61.41	Carbondale Item	2.00
Brooks, Fred.	6.00	Caretti, Joseph	40.50
Brooks, Rufus C	2.50	Carlin, F. W.	31.60
Brown Co., The A.	429.13	Carlson Lusk Hardware Co. (Limited)	158.28
Brown, A. E	10.25	Carlton & Noble	33.22
Brown, A. R.	13.00	Carmody, Mary	18.00
Brown, Brady	13.50	Carr, James E	20.00
Brown, Clifford W.	7.50	Carter, E. E.	9.50
Brown, Earl.	23.75	Carter, J. S.	100.18
Brown, Earl J	8.75	Carter, Warner & Co.	40.15
Brown, J. E.	8.00	Cary Hardware Co.	11.27
Brown, Mrs. J. E.	33.60	Cassia County Times	2.20
Brown, John F.	62.50	Castle, F. J.	6.35
Brown, J. F.	4.67	Catlin Co., Elmer H	2.70
Brown, Mortimer Joy	24.00	Cavanaugh, E. B.	53.55
Brown, O. R.	5.80	Cearley, C. T.	34.40
Brown, Rufus F.	70.00	Central Laboratory Supply Co	19.00
Brown, William	48.00	Central Lumber Co.	11.55
Brown, William J	6.00	Century Camera Co.	940.10
Brown, W. F.	12.00	Chamberlain & Hawkins	22.35
Brown, W. M.	37.10	Charbonneau, Chas.	52.50
Brown & Sons, N.	20.75	Charette, Geo. W.	6.00
Brown-Wales Co.	12.14		

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Chart, Harry	$7.50	Cooper, Francis	$90.00
Chase, Wm	130.00	Cooper, J. W	21.00
Chatfield, Bert	44.00	Cooper, Theodore R	21.30
Chelan Hardware and Furniture Co	24.58	Cooperative Drug Co	3.50
Chelan Leader	12.00	Copeland Co., M. G	89.00
Chester Lumber Co	14.00	Copenhaver, Geo	45.50
Chicago Herald Co	162.00	Copp, H. H	12.00
Chicago Lumber Co. of Omaha, The	1,894.30	Corbett, Geo. E	199.63
Childs, J. W	6.00	Corbett, T. W	145.33
Chisholm, John	13.75	Corbett, W. J	203.40
Chlarson Bros	79.19	Cordova, Juan	19.50
Choteau Acantha	23.65	Cosgrove, E	340.87
Christensen, Alfred	10.00	Cosper, J. R	3.25
Christensen, Heber	46.00	Costar, R. A	78.50
Christie, William	10.00	Cotton, Jas. S	51.12
Chronicle Publishing Co	54.40	Cotton, John	60.00
Church & Stephenson	1,363.33	Coty, Geo	148.00
Churchill, F. H	51.60	Couch, Edmund	22.50
Citizen Printing and Publishing Co	5.60	Coulter, H. K	3.50
Citizen Publishing Co	15.60	Coumbs, J. H	8.50
City of Boston (water department)	25.20	Council Tool Co	6.70
City Meat Market	2.35	Courier Press	14.70
Clabby, Emmett	98.00	Courier Printing and Publishing Co	23.60
Clack, John H	99.43	Covelo Review	3.60
Claflin Optical Co	2.00	Cowley, E. J	120.00
Clark, A. F	30.00	Cox, W. S	222.66
Clark, Arthur M	19.25	Coy, H. G	24.55
Clark, C. E	15.00	Crab, Henry	26.84
Clark, Chas. R	68.33	Craig, O. G	136.25
Clark Co., The David H	10.13	Cramer Dry Plate Co., G	15.17
Clark, E. R	16.00	Cramer, O. A	33.00
Clark & Baker Co	12.50	Crassel, George	47.00
Clay, Walter B	.55	Crawford, C. N	20.00
Clayson & Griffith	118.85	Crawford, F. W	7.50
Clemons, Lorena E	20.00	Crawford, N. T	20.00
Clewett, H. J	12.81	Creede Candle, The	23.94
Cline, A	8.00	Crescent Farm	4.70
Closson, Chas	347.75	Crescent Printing Co	5.98
Clow, W. J	9.10	Crete Nurseries	9.05
Cluff, C. L	47.20	Cripple Creek Times Co	2.28
Clute, Alva B	3.58	Crone, Albert	44.00
Coates & Roland	19.54	Cronin, Dan. J	13.75
Cockrell, Ora	20.00	Crook County Journal	13.40
Coconino Sun	20.90	Crookston, Nicholas W	7.50
Cody Trading Co	94.79	Culpepper, Eph	45.67
Coe & Babcock	10.00	Culver, J. M	68.50
Coffin, George	24.00	Curtis Lumber Co	6.50
Colclesser Bros	2,621.75	Curtis & Pierpont Co	93.51
Cole, Wm. S	21.60	Custis, J. W	4.66
Coleman, Florence C	25.00	Custer Weekly Chronicle	50.96
Coleman, Geo. A	20.00	Cuthbertson, S. M	70.00
Colfax Sentinel Publishing Co	9.00	Dahlberg, S. J	8.00
Colliers, Lucien E. C	5.00	Daily Californian	7.80
Collins, Albert	5.25	Daily, J. T	14.00
Collins, A. B	5.00	Daily Missoulian	7.00
Collins Manufacturing Co., A. M	89.30	Daily Telegram Co	1.24
Colorado Tent and Awning Co	16.80	Darley, Fred	26.00
Colorado Republican	2.09	Dougherty, Giles	52.87
Colorado Telephone Co	8.89	Dougherty, Walter	5.25
Columbia Phonograph Co	275.35	Daugs, William H	14.00
Columbia Photo Supply Co	450.00	Davidson, Byard	7.50
Colvin, John	32.00	Davis, Ike M	2.25
Comstock, A	20.00	Davis, John	2.00
Comstock, Frank	22.50	Davis, J. D	73.71
Conant, Ed	5.50	Davis, Ralph	37.50
Cone, Victor	8.00	Davis, Ray	14.00
Conlin, Geo. F	25.36	Davis, Roy	37.50
Conner, Robt. J	72.50	Dawson, Thos	8.00
Conrad, O. H	210.40	Day, C. M	17.00
Consolidated Press Clipping Bureau	2.90	Day, Walter A	10.00
Consolidated Wagon and Machine Co	264.16	Day, Will	50.00
Converse, Mrs. S. H	6.25	Day, W. E	126.00
Cooksey, K	11.20	Day, W. F	14.25
Cooley, Elton G	12.00	Dean & Brown Mercantile Co	33.83
Cooley Co., Geo. M	84.38	Dearborn, O. F	90.00
Coolon, Henry	100.00	De Bond, Daniel H	65.00
Cooper, Ed	14.00	Dedmon, Frank	35.00

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Defender Photo Supply Co	$125.84	Electric Appliance Co	$321.71
De Forest & Hotchkiss Co., The	108.29	Elgin Forwarding Co	183.95
De Gens, J. C	14.50	Elledge, James H	21.00
De Gens, Mat	6.00	Elliott Fisher Co	165.00
De Groot, Peter	3.00	Elliott & Co., James	120.62
De Laney Co., A. J	93.95	Ellis, Charles A	46.65
Delgardo, Andres L	93.00	Ellis-Forde Co., The	7.57
Deloney, Charles	68.69	Elm City Lumber Co., The	16.00
Delta Independent	4.83	Elmore Publishing Co	9.50
Demaray, M. J	17.35	Elster, C. A	219.47
Democrat Printing Co	3.25	Emerson Manufacturing Co	150.00
De Months Ark. (Incorporated)	14.50	Emery County Progress	2.70
Denman, Edwin	219.17	Encarnacion Aragon	3.00
Denning Wire and Fence Co., The	479.82	Endner Lumber Co	61.13
Denver Republican	35.40	Enlor, E. L	22.80
Depler, Hugh S	2.00	Enquirer Co	138.60
Deseret News Co	26.04	Enquirer Job Printing Co	6.00
Deshazer, Arthur	50.00	Enterprise Co., The	3.00
Devin, Geo. W	25.00	Enterprise Mercantile and Milling Co	25.95
Dewey, E. P. (Sanger Herald)	9.52	Enterprise Publishing Co	84.10
Dickinson, C. A	5.25	Ephraim Enterprise	27.60
Dierenfeldt, Julius	15.00	Ergood & Co., J. C	52.02
Dietzgen Co., Eugene	21.40	Erker Bros. Optical Co	31.75
Dillingham Bros	8.00	Espey, John B	9.00
Dillon, M. D	2.25	Estancia News	3.05
Dixon, Peter A	5.00	Estudillo, James	31.80
Doll Bros. & Smith	16.46	Eureka Lumber Co	26.24
Dolores Merch. Co., The	31.20	Evans, jr., Edward	13.50
Dolores Star	13.45	Evans, M. T. L	9.21
Donahue-Emerson & Co	88.72	Everett, S. I	444.65
Donaldson Co., The	10.53	Evergreen Nursery Co	40.80
Donovan, Cornelius	28.50	Ewing, W. A	28.95
Dorey, Lawrence	16.75	Examiner Publishing Co	7.80
Dorris, J. W	33.25	Falk, Gregg	40.00
Dorsch, H. G	184.50	Falk Mercantile Co. (Limited)	25.00
Doss, G. H	16.00	Farmer, Thomas	12.08
Dostal, J. F	67.50	Farris, R. J	8.00
Doty, E. H	15.00	Faulkner, Wm. C	16.00
Douglas' Sons, R	164.00	Favors, Joe D	12.80
Dow, E. E	29.99	Fay & Egan Co., J. A	115.00
Downs, N. V	86.75	Feast & Co., H. D	38.30
Doxsey, H. G	46.06	Feather, Hudson E	7.50
Doyle, Pat	9.00	Felt & Tarrant Manufacturing Co	16.00
Draper, G. T	2.25	Fergus County Argus	6.25
Droop & Sons Co., E. F	676.08	Fernandez, R	47.90
Dudley, Ernest G	42.00	Fernando Improvement Co	302.26
Dugan, John R	298.54	Ferry, C. L	8.00
Dunbaugh, J. M	50.00	Ferry, D. H	20.00
Duncan, J. K	25.00	Fick, Westley	14.00
Duncan, J. S	55.00	Field and Farm	4.40
Dunn, H. L	18.75	Fields, James	54.00
Du Perow, M	299.05	Finkbiner, D. E	90.30
Duran, Ramon	15.00	Finstad, Jacob C	15.00
Duran, William	60.00	Finstad, Julius Carl	15.00
Durants, Felix	15.00	Fish, E. S	26.50
Durham, Stanhope	69.00	Fisher, John D	12.00
Duval & De Troy	8.43	Fisher, F. E	82.00
Dyer, Wm. H	22.15	Fisher-Glassford Hardware Co	634.81
Eagle, The	12.50	Fitch-Dustdown Co	2.00
Eagle County Blade	17.00	Fitzgerald, J. J	32.00
Eagle Valley News	9.90	Fitzhugh, Clarence H	6.00
Earl & Eng. Publishing Co	13.60	Fitzhugh, E. F	27.25
Eason, F. D	181.60	Fitzmier, George	40.00
Eastman, H. P	10.00	Flagstaff Gem	14.70
Eastman Kodak Co	1,237.20	Flaherty, B. G	29.00
East Oregonian Publishing Co	2.60	Flanders, George W	22.62
Eberenz, Geo. B	6.00	Flenner, Rex	2.80
Eberl, J. W	8.35	Flint, J. M	72.75
Eccher, Joe	15.00	Flock Co., The J. G	12.25
Edmonds, Wm. O	29.82	Flournoy, J. D	17.82
Edmonston, Chas. R	4.20	Flournoy, R. W	15.00
Edwards, E. H	100.70	Flynn, Francis	66.00
Edwards, William	12.25	Flynn, F. W	6.00
Eggleston, W. H	28.00	Fogg & Jacobs	28.10
Elmer & Amend	37.51	Folawn, Thomas J	5.00
Einsel, R. L	25.00	Folmer & Schwing Co	4.30
Elder, Jason S	15.00	Forbes, F. B	14.17

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Ford, Chas. C	$43.00	Goodman, F. A	$68.00
Fordice, John	45.87	Goodwin, G. W	4.10
Forker & Co., C. A	310.10	Gordon, Granville J	12.50
Forsyth, H. F	10.50	Gordon, Troumon L	28.75
Fortin, Eddie	17.50	Gordon, Truman	13.75
Foster, A. B	6.00	Gordon-Wright Co. (Limited)	13.25
Foster, O. L	49.04	Gorsuch, Milton	38.75
Foster, Stephen L	14.00	Gourick, D. A	5.00
Foster, W. H	101.25	Gowanlock, John A	249.40
Fox, James E	24.50	Grace Brothers	36.02
Franey, John	159.21	Graden Mercantile Co	17.05
Franklin, L. F	33.50	Graham Co., Andrew B	125.00
Franklin Mercantile Co	46.55	Graham, Fred W	10.00
Frazier Borate Mining Co	32.95	Graham & Co., John W	10.15
Freeland, E. H	7.50	Graham, F. R	16.25
Freeland, G. V	7.50	Graham, Hugh	60.00
Freeman, E	12.00	Grand County News	2.00
Freeman, W. A	14.00	Grand Lake Mercantile Co	12.20
Fremont County News	8.10	Grand Valley Times	6.25
Fresno Flume and Irrigation Co	28.40	Grant County News	3.75
Fresno Republican Publishing Co	40.00	Grant County Telephone Co	60.30
Fritch Hardware Co., The Geo	92.65	Graves, Mark	42.50
Fuchs & Lang Manufacturing Co	44.60	Graves Mercantile Co	36.65
Fuller Co., Seth W	26.13	Gray, L. A	80.00
Galbraith, A	41.25	Green, C. A	60.00
Galbreaith, Walter D	12.00	Green, Fred L	27.29
Gallegos, Jose	11.00	Green, W. E	12.50
Galvin, J. W	274.23	Greenwood, Frank	25.00
Ganahl-Davies Lumber Co	110.80	Greenwood, Geo	12.50
Ganier, A. F	8.50	Greenwood, James	117.00
Garcia, M	45.70	Greer, Lillie R	16.90
Garcia, O	38.40	Grey Bull Lumber Co	50.00
Garden, Jas	15.00	Griffin, John	18.67
Gardiner, H. W	22.08	Griffin, Leman	92.30
Gardner, Henry	20.00	Grimsley, Chick	32.25
Garnick & Son	4.62	Griswell, William H	32.00
Garrecht, Jacob	17.50	Grittman, John	15.94
Garrison, Henry O	10.00	Groom, Richard	66.38
Gaston, D. L	50.00	Gross, Joseph W	60.88
Gaston, W. W	50.00	Guardian Publishing Co	20.10
Gates, R. M	10.38	Guilbert, L. E	6.25
Gauksheim, S. O	15.00	Guilbert, L. F	5.00
Geddes, James	35.00	Gunnison Gazette	2.50
Geerhart, C. S	21.30	Gunnison Hardware Co	46.57
General Electric Co	54.50	Gunnison News Champion	5.89
Genright, J. J	5.00	Gurley, J. M	20.00
Gerarden, John E	107.50	Gurley, W. and L. E	95.95
Gerarden, David E	107.50	Guthrie, Hugh M	38.00
Germain Seed and Plant Co	205.25	Guthrie, Wm. & Hattie M	200.00
German Nurseries	11.38	Hager, J. C	37.50
Gibbel, J. B	91.32	Haggerty, George	5.00
Gibson, H. W	240.00	Hagman, John P	37.50
Gibson, Matthews & Young	172.85	Hagman, W. B	7.50
Gichner, Fred S	50.00	Haguewood, I. J	15.75
Gifford & Henry	108.00	Haines, Roscoe	35.00
Gilchrist & Dawson (Incorporated)	55.20	Hale, Benjamin	52.00
Gilkey, Sylvester	14.00	Hales & Symons	18.03
Gill, J. B	39.23	Hall, Della	3.61
Gill Lumber Co., J. B	231.47	Hall, Percival	44.00
Gillett, Elmer	10.00	Hall, W. H	120.00
Gillett, H	85.75	Hallock, E. G	22.50
Gillies Mill and Manufacturing Co	80.05	Hamilton, A. W	45.00
Gilman, Z. D	55.16	Hamilton Herald	9.05
Gilmore & Boren	19.25	Hamilton Publishing Co	31.36
Girard, Joe	13.75	Hamner, G. G	249.00
Glass & Fischer	13.50	Hampe, Theo	92.15
Glenwood Post, The	156.28	Hancock, E. W	5.00
Globe Hardware Co	102.21	Hancock, Hiram	54.00
Globe Printing Co., The	84.15	Hancock, Thomas	50.00
Goatley, G. A	45.00	Hanley, W. F	10.50
Godfrey, W. T	45.30	Hansen & Son, John F	48.15
Goggins, Morris	71.25	Hanson, Chas	221.25
Golden, Daniel J	95.00	Hardenburgh, Geo	21.10
Golden, J	10.85	Harney County News	3.25
Goldman & Co	18.86	Harney Peak Mining News	35.50
Good, Theodore	51.25	Harper & Reynolds Co	329.27
Goodale, Gus G	10.50	Harris Bros	108.10

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Lake County Bee	$4.00
Lamb, Geo. N	28.85
Lamb & Tilden	279.18
Lamberton & Bell	17.60
Lambie Co. (Incoporated), Jas. B	68.50
La Moine Lumber and Trading Co	122.70
Lander Clipper	14.84
Lang, Herman	38.00
Langley, Ralph W	89.00
Lansburgh & Bro	507.09
Lanum, George	6.00
Lanz & Co., Geo	182.50
Lanz Manufacturing Co	62.50
Lapp Co. (Limited), The O. C	30.52
Lapp & Billups	8.48
Laramie Republican Co	19.47
La Revista de Taos	3.64
Larson, Charley	16.00
Larson & Co., C. E	20.15
La Rue, Henry	15.60
Lassen Advocate	5.25
Lauer & Sons, E	301.46
Lawley & Son Corporation, George	565.24
Lawrence, Ed	41.00
Lawrence, Frank N	87.50
Lawrence, Osias	75.00
Lawrence, S. J	8.00
Lawrence & Williams	29.32
Lawton Mercantile Co	3.45
Lawyers Cooperative Publishing Co	6.00
Leader Co	26.35
Leadville Hardware Co	51.40
Leadville Publishing and Printing Co	19.90
Lear, H. B	48.25
Lease, W. F	39.00
Lechner, Frank J	38.00
Lee, Bart	20.00
Lee, Clark J	262.00
Lee, G. H	10.38
Lee, J. D	115.20
Lee, M. A	53.86
Lee, W. R	45.25
Leech, E. E	19.00
Leeper, James W	30.00
Leese, M. A	157.12
Lemhi Herald	4.12
Lemley Bert	47.50
Lemley, Christopher C	60.00
Lemley, Tony	155.00
Lemmon, D. M	30.00
Lemons, Chas	16.00
Leonard, Frank	13.50
Leonard, N. B	13.50
Lewis, John	7.50
Lewis, W. E	25.58
Lewis, W. K	4.62
Liben, Joseph J	9.00
Library Bureau	331.73
Lienhard, Rudolf	196.10
Lincoln, Fred S	12.00
Lincoln Drug Co	39.38
Lindemeyr, Philip	13.00
Lindley, John D	5.00
Lindsay Rubber Manufacturing Co., M	1.54
Linebarger, J. R	35.00
Lippincott & Warner	135.57
Littlefield, Alvord & Co	382.83
Livingston Art and Decorative Co	4.50
Livingston Enterprise	43.80
Lloyd Co., Andrew J	3.60
Locke, T. C	4.00
Loftus & Girard	193.50
Logan Republican	4.80
Logan Second Hand Store	10.00
Logan & Bro., F. S	99.70
Lomall, Francisco	6.87
Long, Eli	$28.50
Long, E. F	34.50
Loomis, Stanley J	72.00
Lord & Poll	44.77
Lost River Comercial Co. (Limited)	12.55
Lounsbury, Mark L	13.75
Loveall, Samuel	7.00
Loveland Reporter	2.00
Loveridge, C. A	46.00
Lowdermilk & Co., W. H	235.77
Lowe, John W	42.37
Lowe & Jones	81.43
Lowell Meservey Hardware Co., The	22.01
Lowman, N. A	4.00
Lucas, E. R	12.05
Lucas, L. E	13.50
Lucken, Chris	5.00
Lucken, John	7.50
Lucken, Paul	95.00
Ludwig Lumber Co	136.79
Lufkin, Chas	12.00
Lumberman Publishing Co	12.38
Lusk, H. A	7.45
Lutz, David	18.00
Lutz & Co	1,288.90
Lynch, Hugh	15.50
Lyons, Charles R	31.85
Lyons, Thomas	24.00
Lythman, Gust	60.00
McAnally, A. M	43.00
McCall, B. B	6.00
McCarn, Frank	35.00
McCarthy, D. W	9.00
McCarthy, M. H	35.00
McCauley, Chas. M	7.50
McCay, H. B	306.78
McClure, Ben	20.00
McComas, Ed	8.75
McComas, J. B	166.00
McCormick-Sealtzer Co., The	138.32
McCraney Co., The H. E	235.98
McCubbin Co., The C. J	.30
McDaniel, Don	7.50
McDonald, E. I	40.00
McDonald, G. B	32.50
McDonald, Joseph	26.00
McDonald, J. E	71.00
McDonald, P	208.43
McDonald & Wright	38.10
McElroy, William	137.50
McEwan, S. S	6.00
McGhie, Bert	22.00
McGlone, Roy	10.38
McGuffey Bros	22.65
McIlmoil, W. H	46.00
McIlvane, Bertha	75.00
McIlvane, Will	78.32
McIntyre, M. B	8.55
McIver, J. C	7.00
McKee & Co., A. J	2.40
McKendrick, J. F	37.00
McKnight & Co., J. M	75.50
McLaren, George	157.30
McLaughlin Tie and Timber Co	8.00
McLeod, Dan W	10.00
McMillan, James H	47.00
McMillen, J. M	10.00
McNamara, M	26.25
McNicholl, H. M	37.00
McNicholl, John	18.67
McNicholl, Vernon	16.40
McNish, J	10.20
McPhee & McGinnity Co	18.20
McRae, D. K	37.75
McShane Timber Co., J. H	20.20
MacGlashan & McKellar	209.29
Mack, James	20.55

FOREST SERVICE—Continued.

f expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
neous supplies, etc.—Con.	
ros	$217.50
finer	3.84
	19.70
Planing Mill	136.55
ros	19.28
igar Pine Co	78.76
eekly Tribune	7.80
, H. T	12.00
n	4.00
. W	11.50
at	22.50
m	32.60
alter	6.00
Richard J	292.50
	16.50
, Grant	8.80
, John	87.50
, Matts	16.00
n H	23.50
	184.16
senger	1.80
dward F	40.00
m	24.50
W	57.50
, George M	44.00
ictor	10.50
Gazette	2.75
Elo	20.00
W. H	147.50
s	16.75
M	90.21
N	26.00
Wells Hardware Co	226.77
hn, jr	1.00
H	1.00
Candelario	66.00
G	47.90
J. F. B	48.00
Juan Jose	16.00
M	26.67
G	10.00
C. L	10.00
N. T	35.00
Hogan	13.35
o., Robert	85.90
Milton	4.00
ren-Rosevelt Telephone ilted)	30.10
	82.05
a E	40.00
illiam	30.00
. H	42.50
& Sons (Incorporated),	216.22
ed C	35.00
Henry	84.00
lwig	10.00
tin	43.05
M	31.75
s	91.65
eo. W	12.80
igust	118.42
m	12.00
A	8.00
Richard	46.07
Printing and Publishing	7.50
	2.05
	25.00
oon Co	68.27
	15.75
n M	31.50
	9.50
ag Co	20.98
rank	14.00

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Milne, A. T	$18.50
Milne, Geo	11.50
Milne, James	12.75
Miner, Pitkin	5.75
Minke, Jno	22.50
Minnix Co. (Incorporated), N. M	54.75
Missoula Mercantile Co	1,142.92
Missoulian Publishing Co	10.85
Mitchell, Joseph	145.64
Mitchell Bros	41.29
Mitchell & Co., J	17.20
Mitchell & Co., Thos. J	59.25
Mock, M. A	25.00
Model Grocery Co	336.62
Modoc County Cooperative Association	43.00
Modoc Republican	14.00
Mohr, George	12.00
Molyneux, J. S	61.35
Mona Lake Railway and Lumber Co.	132.81
Monarch Typewriter Co	1,691.68
Mondragon, Juan Antonio	66.00
Money, C. B	77.24
Mono Lake Railway and Lumber Co.	62.03
Monson, Harry A	296.60
Monson, Henry A	40.00
Montana Record Publishing Co	44.20
Montrose Press	1.90
Moody, A. E	64.00
Mooney, W. M	4.00
Moor, James M. L	130.00
Moore, A. L	581.34
Moore, Carl A	34.00
Moore, J. M	9.00
Moore, Richard	35.00
Moore, Samuel H	50.00
Moore, William E	12.00
Moore, W. P	67.50
Morgan, Ernest	7.50
Morgan, T. E	30.00
Morin, N. E	9.50
Morrison, J. T	60.00
Morrison Paper Co., E	17.92
Morrissey, E. H	30.00
Morrow, Robb	103.00
Morton, J. S	222.85
Moseley, S. L	45.00
Moses & Sons, W. B	59.10
Mota, B	49.60
Mountain Commercial Co	15.00
Mount Pleasant Pyramid	8.40
Muddiman & Co	2.80
Mulcare & Co., J. E	10.50
Muldoon, Sam	119.00
Mundorf Mercantile Co	53.55
Munn, John	29.25
Munroe, James A	65.75
Munsey, J. H	200.00
Murdock, David	20.00
Murphy, Arthur	8.75
Murphy, C. H	11.00
Murphy, H. E	111.00
Murphy, J. J	19.50
Murray, John J	130.50
Murray Lumber Co	118.48
Murray, Smith	27.95
Muth & Co., Geo. F	405.16
Najar, A	43.70
National Electric Supply Co	248.70
National First-Aid Association of America	226.20
National Lumber Co	238.00
Nawrath, J. P	233.58
Neal, A. M	11.25
Nedrean, Walter A	14.00

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Neihart Lumber Co., The	$48.17	Parker, George	$15.93
Neil Hardware Co., R. R	10.10	Parker Lumber Co	25.04
Neilson's Cash Store	48.05	Parks, James	12.50
Nellis, L. P	4.95	Parmelee, D. C	16.67
Nelson, P. C	31.13	Parowan Equitable Cooperative	183.90
Nephew, F. De	2.50	Parry, W. E	6.55
Neumann, H	17.60	Parshall & Co., W. R	98.06
Nevada State Herald	5.50	Parton, F. A	36.00
Nevada State Journal (Incorporated)	3.57	Partridge, Wallace H	40.00
Nevada United States Fence Co	202.02	Parvilla, Y	21.54
Nevens, Thos	8.00	Pasadena Grocery Co	75.24
Newcomb, Aldo C	60.00	Pasadena Hardware Co., The	207.33
Newcomb, M. P	29.73	Patagonia Commercial Co	3.90
New England Engineering Co., The	34.34	Patnode, Edmond	100.00
New Era, Alturas, Cal	6.75	Patten, Juliet Craik	312.90
Newland, L	77.0	Patterick, C. W	12.60
Newman, E. S	1.00	Patterson, H. C	16.20
New Mexico Printing Co	17.20	Patterson Co., The	25.90
Newton Co., The	67.60	Payne, Maitland	90.00
Newton Lumber and Manufacturing Co	12.20	Payne, William	8.75
Nichols, Guy H	168.00	Peabody, John H	131.25
Nichols & Co., J. B	20.00	Pearce, W. H	91.50
Nicholson & Son, Jas. A	5,039.00	Peasley Transfer Co	24.25
Niece, L. B	15.00	Peavey, J. F	14.17
Noddin, J. T	3.50	Peck, E. C	30.25
Noddin, Ralph	50.00	Peckinpah, C. M	397.14
Noddin, V. C	54.00	Peckinpah Lumber Co	325.00
Nogales Daily Times	2.87	Peers, John M	54.80
Norris-Peters Co., The	18.00	Peers, Wm. M	14.96
North Fork Times	12.75	Peirce, Thos. H	4.00
Northern Redwood Lumber Co	24.56	Pence, Frank	11.00
Northwest Post	7.98	Pendleton Tribune Publishing Co	1.95
Norton, Jacob	47.50	Pennisten, J. R	70.90
Oak Bar Stage Line	3.25	Penrod, Liona	19.25
Oakley Eagle	2.80	Penrod, William	27.25
Oasis Printing House (Incorporated)	2.50	People's Lumber Co	208.00
Ockender, Thos. J	17.60	Peraldo, John	60.50
Oden, J. N	50.75	Perkins & Co., W. Y	73.93
Ogilvie, A. M	75.00	Perkins, Edward	10.00
Okonite Co. (Limited)	21.45	Perry, Wilfred S	44.00
Old Dominion Commercial Co	11.45	Peterson, Andrew	12.30
Olivas, Frank	5.00	Peterson, C. J	34.00
Oliver, G. D	15.00	Petty, Geo. A	45.00
Oliver Typewriter Co	3,555.10	Philadelphia Machine Screw Works	7.30
Olney Hardware Co	81.36	Philipsburg Mail	50.20
Olsen, Nad	15.00	Phillips, Alvin M	22.80
Orangeville Cooperative	16.85	Phipps & Oldham	5.85
Oregon City Commercial Co	15.47	Phoenix, Ernest P	8.38
Oregon Observer	2.10	Picket Publishing Co	15.60
Oregon Oriano, Vale, Oreg	6.00	Pierce City Miner	2.75
Oregon Transfer Co	.44	Pierce, J. T	15.75
Oregonian Publishing Co	96.39	Pierson Bros	87.75
Orewiler, Charles	12.00	Pierson, Oscar	9.00
Orleans Bar Gold Mining Co	42.85	Pike, Frank	15.60
Oroville Register	2.00	Pine, F. W	6.00
Orville, Wm	55.00	Pine Mercantile Co	83.95
Osborn, Leonard C	138.00	Pine Ridge Lumber Co	28.35
Ouray Herald	2.50	Pinedale Roundup	38.22
Ovando Mercantile Co	15.90	Pioneer Printing and Publishing Co	7.20
Owenhouse Hardware Co	128.55	Pioneer Telephone and Telegraph Co	70.45
Owens, Elbert C	50.00	Pioneer Tent and Awning Co	6.00
Pacific Coast Co	9.00	Pioneer-Times, Deadwood, S. Dak	14.25
Pacific Electric Rwy. Co	17.30	Pipel, Francis J	28.85
Pacific Steel and Wire Co	112.82	Pippin, W	2.75
Pacific Telephone and Telegraph Co	8.50	Pitkin, Miner	5.75
Pacific Transfer Co	7.75	Plumas Commercial Co	66.20
Pack, John	153.24	Plumas Independent	21.21
Paddock, William S	40.00	Plumas Livery Stable	31.90
Pagnotta, Joe	22.50	Plumas Meat Market	8.65
Palace Meat Market	4.50	Plumb, A. M	53.50
Palmer Mountain Prospector	1.90	Plumb, Fayette R. (Incorporated)	39.20
Panguitch Progress Publishing Co	5.60	Plumb, Francis D	30.75
Pans, Alex	5.25	Plummer, F. M	43.95
Papen, Theodore	22.40	Pollard Co., The C. L	7.05
Paradise Record	28.40	Polson Bros. Mercantile Co	71.03
Parker, D. Frank	916.60	Pond, Earl	22.50
		Pond, E. G	27.60

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
ıneous supplies, etc.—Con.	
y	$20.00
ıife L	40.00
t	14.00
ıufacturing Co	31.50
. K	37.50
ɔe	6.00
H	21.00
e Lumber Co	23.70
Mercantile Co	26.75
lligencer Co	60.00
ting Co	5.16
lishing Co	9.26
Electric Power Co	14.40
r, Wm	14.50
/m. B	21.00
Sons, John A	9.88
Allan R	31.00
McCord	11.85
ty Miner	3.50
A. T	169.56
rum, jr	30.00
nting Co	5.28
olishing Co	1.00
olishing and Printing Co	3.25
dware Co	86.15
and O	15.00
ver Livery	34.00
fark	10.50
Frank	13.00
ooperative Mercantile Co	3.00
Publishing Co	12.03
E. J	.75
. C	65.81
. W	94.00
. M., jr	52.00
Mount Pleasant, Utah	8.40
Quarles	7.80
Co	88.50
A	44.60
V	47.90
	22.00
D. B	50.00
Elmer E	154.50
Lester M	6.25
W. H	40.45
ames E	8.00
Nally & Co	.60
C. C	155.70
	8.25
John	14.00
n Tribune	2.75
n C	27.46
Republican Co	7.36
ton J	24.00
n	10.00
fe	3.60
	36.00
. D	11.00
hn	22.50
ublishing Co	1.90
tockman Publishing Co	10.40
E. D	32.50
H. T	30.00
A	14.00
ary	44.64
t	128.75
n K	1.60
W	12.00
ugh	49.06
n Typewriter Co	851.95
arles B	10.00
obt	17.75
n-Courier Co	108.55
Press	5.20
Publishing Co	12.65
n Publishing Co	109.52

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Reser, Roy M	$36.00
Reynolds, Levi	15.55
Reyes, Rafael	10.00
Rhein & Co., W. H	43.10
Rhem, E. S	8.82
Rhodes, George R	5.50
Rhorer, Werner	15.00
Rice, Delmer S	10.00
Rice, E. W	41.50
Rice, Frank E	16.00
Rice, John	69.00
Richards, Jas	8.00
Richards Lumber Co	47.44
Richardson, Bert	38.21
Richardson, Wheeler & Co	7.48
Richfield Reaper	18.31
Richmond, D. S	16.50
Rickel, George C	31.25
Rickenbacher, D	44.00
Ricker, H. M	13.60
Rico News Co	1.71
Riddle, E. J	6.00
Ridenbaugh, W. H	8.97
Ridenour, Emsley	11.25
Ridenour, J. H	8.00
Rider, Everson	27.75
Rider, W. B	13.60
Rider, W. E	12.00
Ridgeway, Roy D	300.00
Riedel, George	16.50
Rifle Reveille	4.00
Riggs, B. B	100.00
Rios, F	48.10
Rios, Y	47.90
Rioux, Joseph	50.00
Ritchie, C. W	3.25
Roberts, Geo. B	25.00
Roberts, J. C	63.80
Roberts & Co., Jas. H	24.16
Roberts, Walter	25.75
Roberts Lumber Co	41.20
Robertson, James M	114.00
Robinson, Bert	45.00
Robinson, Sam	46.25
Robinson, Walter C	39.00
Robison, J. W	85.50
Roche, Elizabeth A	26.25
Rodgers, Toney	21.25
Rodocker, D. L	14.05
Rodriges, C	48.00
Rodriguez, Edwardo	60.00
Roff, A. H	77.35
Rogers, Arthur	64.00
Rogers, John	15.00
Rogers, J. L	55.75
Rogers, William	10.00
Rogers, W. P	10.13
Rogers, W. W	166.00
Rogue River Courier	3.50
Rolfson, Nels	55.00
Rollinson, J. K	120.00
Romelke (Incorporated), Henry	5.84
Romine, E. H	5.25
Roosa, I. P	14.50
Roosevelt Mercantile Co	15.40
Ross, F. P	6.50
Ross Seed Store	7.85
Roth, Filibert	33.68
Rothrock, Frank	50.00
Routt County Republican	2.23
Routt County Sentinel	7.88
Roybal, Fernauld	8.00
Rudolph & West Co	138.12
Rueber, Frank	30.00
Ruiz, T. G	5.00
Rule, Thomas	6.00

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Runyan, Ed	$7.20	Shell-Combs & Co	$19.15
Russell Boiler Works (Incorporated), Dan'l	53.80	Sheridan Enterprise	2.76
Russell, F. E	28.73	Sherk, Everett H	3.00
Russell, M. L	74.00	Sherland, Lot	5.00
Russell, Z	7.75	Shilling, Geo	61.50
Saginaw & Manistee Lumber Co	138.00	Shirk, Everett H	5.50
Saguache Hardware and Lumber Co	92.97	Shirtz, John	5.00
Saguache Crescent	1.90	Shive, John	7.00
Saks & Co	1.50	Shockley, Clyde	6.00
Salano, Gupertino	14.26	Shoshone Lumber Co	9.72
Salida Record, The	13.80	Shotwell, E. E	16.74
Salina Call	6.00	Shrader, Walter H	40.00
Salinas Valley Lumber Co	122.50	Shull, Addie V	81.38
Salinas Weekly Index	3.25	Shull, J. Marion	93.38
Salisbury, Earl	8.00	Siddle, George	15.00
Salstrom, N. R	30.00	Sieweke, Fred	68.00
Sampson, Cecil	22.50	Signal Publishing Co	38.10
Samuel, R. H	75.00	Silver Cliff Rustler	2.00
San Bernardino Hardware Co	194.67	Silver Messenger	8.20
Sandabal, T	46.30	Silvers, John	200.00
Sandlin, Neal L	68.00	Simmons, B. L	41.20
Sandy Hill Iron and Brass Works	44.20	Simon, L	12.00
San Jacinto Hardware Co	108.78	Simpson, Robert	21.00
San Joaquin Light and Power Co	19.35	Sindlinger & Niles	132.66
San Juan Prospector	18.92	Sioux City Journal	12.37
San Luis Implement Co	78.30	Sisson, G. H	2.75
San Luis Valley Graphic	4.60	Sisson, George W	12.50
Santa Maria Times	2.60	Sisson Headlight	9.05
Saratoga State Bank	10.64	Sitterudd, O. J	7.21
Saratoga Sun	24.20	Skalet, O. O	417.90
Sargent, James H	8.00	Skiles, Roy	146.25
Sauchez, M. A	22.50	Skinner, C. W	198.34
Saunders, John S	48.00	Skinner, H. A	25.00
Savage, A. J	35.00	Sliger, Adam	357.50
Savage Co., C. R	18.50	Slinkard, C. R	4.00
Savage, Victor J	18.00	Slosson, Edna E	22.50
Savage, William	24.00	Slothower, A	15.00
Savercool, James	37.50	Smedley Co., The	24.70
Savery, Thomas	35.00	Smith, Elias H	6.00
Schenk, John	70.50	Smith, Fred H	80.00
Schlemm, Alfred	58.00	Smith, George F	27.50
Schmidt, Fred A	462.39	Smith, G. P	.00
Schnebly, D. E	29.25	Smith, James	21.67
Schneider, Fred	20.00	Smith, Karl	5.00
Schneider, L. H. & J. M	143.00	Smith, Lumber Co., S. L	31.25
Schneider's Sons, C	.75	Smith Premier Typewriting Co., The	9.00
Schofield, C. R	150.00	Smith, Russell B	32.50
Schott, Gustav	34.65	Smith, Thomas	7.80
Schrader, Walter H	275.64	Smith, W. A	261.66
Schuier Knox Co	200.05	Smith, W. E	2.10
Schulz, Fred	85.50	Smith & Webb	37.30
Schuster & Platt	10.40	Smith & Wilt	27.50
Scientific Engraving Co	12.00	Smith, Wm. D	88.25
Scott, Chas. H	74.14	Smither, Chas. L	46.75
Seals, Chas. D	14.80	Smither, Thos. B	46.50
Sears, Earle M	52.00	Smyth, Carl	58.00
Sears, S. S	87.80	Smyth, Dick	34.00
Sears, W. E	65.00	Smyth, Richard	33.00
Sease, W. F	39.00	Snake River Lumber Co	11.02
See & Co., Will H	10.20	Sneider, John M	57.75
Selander, E	15.00	Snell, Irving P	19.00
Seldomridge Bros	44.65	Snell, James H	40.00
Seldomridge Grain Co., The	31.70	Snider, D. N	5.00
Sellers, Frank	38.00	Socorro Chieftain	2.00
Sena, Manuel	11.00	Socorro County Publishing Co	34.44
Sena, Miguel	11.00	Soda Springs Chieftain	5.25
Sevier, Jesse M	12.25	Sohn, Heinrich Keller	18.00
Schaffer & Co., E. G	10.68	Sokoest, Joseph	18.00
Schaffer, Frank E	84.00	Soloman, I. E	35.00
Shackelford, James B	173.90	Somerville Co., Thos	9.11
Sharp, Harry	39.63	Sousa, Henry F	11.00
Sharp & Sons, F	556.40	Southerland, J. R	12.50
Shaw, S. B	56.00	Southern Printers Supply Co	10.40
Shedd & Bro. Co., S. S	4.25	Southwestern Stockman, Farmer and Feeder	4.73
Sheffield, Nicholas L	16.00	Southwick, Asa H	8.75
Sheffield Scientific School	70.00	Spalding, A. S	15.80

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Spanish Ranch Co., The	$17.60
Spann, J. R	70.00
Sparks-Humphrey Meat Co	7.35
Sparks-Moore Hardware Co	36.55
Spencer, Geo. W	5.25
Spencer, Harwood & Co	60.90
Spicer, A. F	16.00
Spon & Chamberlain	7.50
Spurgeon & Callaway	25.48
Stagg, J. P	14.00
Stahl, Arthur F	3.00
Standard Oil Co	10.00
Standard Publishing Co	65.04
Stanford, Obed R	27.50
Stansbury, D. R	10.50
Star Valley Independent	2.70
Starbuck, Ira T	376.25
Statesman Printing Co	91.70
Statton, W. O	51.75
Steamboat Pilot	6.75
Stearns, J. H	48.65
Stearns Company	8.00
Steele, James	10.00
Steele, L., sr	5.00
Steger, J. A	2.25
Steimle, John H	78.53
Stephan, August F	12.50
Stephans, J	46.50
Stevens Hardware Co	10.80
Stevens, Philip	18.00
Stevens, W. D	5.00
Stewart, William A	25.00
Stillup, Peter	128.75
Stilson, Chas. A	7.50
Stimmel, E. H	340.26
Stiner, J. O	2.50
Stockett-Fiske Co., The	120.45
Stockgrowers' Journal	15.00
Stockton, James W	26.00
Stoddard, A. W	17.50
Stoddard, Carl	10.00
Stone, G. W	41.30
Stonebridge Folding Lantern Co	22.00
Stoner, G. D	130.00
Stoner, Lester	63.75
Stoner, Ralph	22.00
Stott & Co., Chas. G	504.00
Stout, James	6.00
Straight, H. L	2.50
Stuard, J. A	60.00
Sullivan, W. G	47.50
Sultan Bros	14.35
Sumas News	9.95
Summit County Journal	44.30
Sun Company	10.08
Sun Printing and Publishing Association	156.00
Sunderland Bros. Co	383.94
Suverkrup, John	22.91
Swanson, Ben	100.00
Swanson, Frank	32.25
Swayze, W. L	636.04
Swenning, Olive Carnell	83.33
Swenning, Samuel S	15.00
Swope, George	25.00
Taft, Elsethagen & Co	51.33
Talkington, L	18.00
Talmage, G. M	35.00
Taylor Bros. Co	33.45
Taylor, C. H	20.00
Taylor, Ida M	115.50
Taylor, Lees	8.70
Taylorsville Creamery Co	16.00
Taylorville Meat Market	29.27
Teas, Charles H	10.83
Teeters, Jacob	51.00
Teton Peak Chronicle	72.80
Tharp, C. B	$78.66
Thomas, Byron	70.00
Thomas, Frank W	13.75
Thomas, Frederick F., jr	26.00
Thomas, George	21.67
Thomas, L. E	65.00
Thomas, Mark	53.75
Thompson, Asa	1.50
Thompson, Carl J	15.10
Thompson Co., Edward	54.00
Thompson, J. Homer	56.00
Thompson, John H	30.00
Thompson, J. W	101.00
Thorne, A., jr	86.00
Thornton, F. I	34.00
Thornton, F. M	43.50
Tierney Bros	56.05
Tiger Gold Co. Store	4.50
Tillison, Ed. A	21.50
Times-Observer, Pagosa Springs, Colo.	2.28
Times Publishing Co	20.14
Timmons, S. R	14.40
Tinsley, G. W	29.90
Tinsley, W. T	23.75
Tippett, Guy	29.37
Tippett, W. P	25.00
Todd, W. D	90.00
Todd, W. J	61.25
Topham, James S	1,216.50
Towle, C. H	70.00
Town, Geo. H	34.30
Townsend, D. W	19.17
Tribune Co. (Limited)	3.00
Trinity Journal	17.00
Triplett, A. F	78.66
Triplett, M. O	78.66
Tritch Hardware Co., The George	153.76
Truax, Lawrence	40.00
Truckee Lumber Co	279.33
Truckee Mercantile Co	8.00
Truckee Semi-Weekly Republican (Incorporated)	25.50
Trude, Chas. J	57.45
Trujillo, Evarito	14.00
Trujillo, Jesus Maria	19.50
Tubbs, E. A	30.00
Tuolumne County Water and Electric Power Co	8.20
Tuolumne Independent	9.50
Turel, Stanly	47.00
Turner, Day & Woolworth Handle Co	225.00
Tuttle, W. B	24.00
Twin Falls News	1.95
Tyler, A	45.33
Tyler, J. W	2.88
Typewriter and Office Supply Co	2,758.71
Uhl, J. H	8.50
Ukiah Republican-Press	4.40
Unckles, Glenn L	50.62
Underwood, H. J	18.00
Underwood, Hiram J	12.00
Underwood Typewriter Co	982.26
Union Lumber Co	98.01
Union Mill Co	392.85
United Copper Foundry Co	30.28
United States Reclamation Service	138.13
Upton, Lee	125.00
Urquhart, Keith A	12.00
Utah Independent Telephone Co	69.55
U. S. Fidelity and Guaranty Co	9.75
Valdez, N	18.00
Vanburen, Arthur A	12.00
Vance, James D	24.00
Vandarwarka, Orin D	82.80
Van Deusen, R. L	2.00
Van Dusen, Arthur R	8.28

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Van Loon, Jean	$37.50
Vannoy, S. T	162.50
Van Wagenen, J. F	10.00
Vasquez, Louis	4.00
Venemann, T. W	411.50
Ventling, Floyd	11.25
Vermillion, W. L	5.00
Vernal Express	8.10
Vernal Sawmills and Lumber Co	90.42
Very, John M	6.00
Victor Co., The Jos	33.35
Vigil, D	14.00
Vigil, Luciano	8.00
Virtue, Willie	91.25
Viyegas, F	46.30
Voigtlander & Son Optical Co	.40
Wagenhorst & Co., J. H	1.00
Wagner, Lawrence	77.00
Wahr, George	5.00
Waite, C. A	15.50
Waldo, Geo. B	4.00
Walker, E. R	12.00
Walker, J. W	1.50
Wall, John P	51.75
Walla Walla Argus	3.00
Wallace, Charles	32.50
Wallace, Joseph D	14.65
Wallop & Mongreiffe	60.75
Wallowa Mercantile Co	145.40
Walsenburg World	2.09
Walsh, John	30.00
Walter, R. W	5.25
Walton, Fred W	16.00
Walworth Manufacturing Co	22.59
War Department	2,963.20
Ward, P. F	56.00
Ward, William	12.00
Ward & Co., Montgomery	102.28
Warden, Thomas	105.00
Warner, L	1,506.30
Wasatch Lumber Co	42.95
Washington Hardware Co	10.00
Washington Post Co	72.00
Waterton Oil Land and Power Co	16.37
Watkins & Hotchkiss	57.09
Watkins, Ray	18.00
Watrous, Earl	26.00
Watrous, H. R	51.00
Watson, Wm	20.00
Watterson, Geo	45.83
Wave Publishing Co	12.90
Weaverville Supply Co	83.87
Webster, Geo. P	3.68
Weekly Leader	3.40
Weekly Missoulian	3.90
Weekly Press (Beaver, Utah)	6.27
Weiss Mercantile Co., The A. J	5.50
Welsh & Titsworth	121.41
Wells, Chester G	133.75
Wentworth, John	9.00
West, John	130.00
West Publishing Co	147.00
Westbrook, L. D	15.00
Westcliffe Hardware Co	36.00
Western Glass and Paint Co	39.86
Western Hardware Co	20.00
Western Lumber Co	125.05
Western News	4.80
Western Supply Co	113.02
Westfall, John C	56.25
Wet Mountain Tribune	9.20
Weyls, Harry	556.13
Wheeler, Ward H	80.00
Whelpley, Philip B	62.70
White, B. F	152.48
White, Frank	11.00
White, George	23.00

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
White, Harrison	$18.00
White, J. H	4.25
White River Review	14.28
White, Wade	12.00
Whiteside, Job	132.95
Whitesitt, Roy N	7.50
Whiting, L. S	16.02
Whitman, Geo	548.00
Whitney, Chester N	99.00
Whittemore Land and Live Stock Co., W. B	20.00
Whittier Coburn Co	39.42
Whitzell, H. J	13.50
Whyte, Warren M	4.00
Wickes, H O	62.45
Wigginton, J	22.50
Wilcox, Curtis	37.50
Wildwood Lumber Co	41.12
Wiley, L. R	22.08
Wilkinson & Co., A. J	11.53
Willamette Tent and Awning Co	21.50
Willard, C. L, sr	12.00
Willcoxon, E. B	2,714.37
Williams, Brown & Earle	533.26
Williams, E. A	15.00
Williams, Frank	146.25
Williams, J. V	10.00
Williams Lumber Co	161.65
Williams, N. F	14.45
Williams News	.55
Williams, Redr	1.00
Williams, Walter E	52.50
Willis, Charles L	150.00
Willis, L. H	6.00
Willows Semiweekly Journal	3.14
Wills, Jack	401.82
Wilson, Arthur O	112.00
Wilson, Benjamin	3.00
Wilson, E. J	60.00
Wilson, Frances	30.00
Wilson, Fred	8.75
Wilson, J. R	6.00
Wilson, W. R	14.00
Winegrove, L. S	22.50
Winona Wagon Co	28.80
Winslow Mail	1.60
Winter, T. Z	39.50
Winters, J. L	12.00
Wise, John S	5.50
Wise, Roy L	15.00
Wishart, Fred	30.00
Witham, Frank F	46.86
Wolfe, F. V	8.00
Wollensak Optical Co	1.75
Wolverton Hardware Co., J. W	12.50
Wood, A. R	65.50
Wood, P. R	4.80
Wood River Times	9.71
Woodford, Geo. J	96.25
Woodward & Lothrop	192.05
Wooster, George	11.05
Wootan, D. J	10.00
Wray, Grant	72.50
Wright, A. W	120.00
Wright-Dickinson Hotel Co	73.00
Wyoming Stock Grower and Farmer	24.08
Yager, Wm. D	102.25
Yale & Towne Manufacturing Co	330.17
Yale University	24.27
Yates, W. A	266.00
Yawman & Erbe Manufacturing Co	57.00
Yeates & Wallace	28.08
Yergy, Estate of George O	40.00
Young, Henry C	14.00
Young, Luther	10.00
Young, Perry	10.00
Young & Sons	130.95

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Youngers & Co	$15.50
Yreka Journal	18.83
Zastrow, Paul	20.88
Zugelder, F. G	5.25
Total	168,705.80
Furniture.	
Aloe Co., A. S	16.00
Alpha Hardware and Supply Co	44.25
Amberg File and Index Co	128.00
Apple, G. W	30.25
Art Metal Construction Co	779.00
Birrer, Frank P	12.30
Booth Furniture Co., The	95.95
Brock, Beeken & Smith	8.00
Burton & Son, R. C. M	58.80
Callow, Fred B	16.15
Clemons, Lorena B	31.50
Corbett, W. J	18.90
Curtis & Bradley	6.00
Davis, Ike M	6.00
DeGroot, Peter	15.00
Eberly's Sons, A	19.00
Economy Drawing Table Co	281.25
Famous Store, The	11.60
Fisher-Glassford Hardware Co	31.75
Fuller Desk Co., Geo. H	111.40
Garnick & Son	16.50
Gottwals, W. O	17.50
Grand Rapids Furniture Co	10.00
Harris Bros	15.00
Hoeke, W. H	70.89
Holliday Co., The W. H	8.00
Huddle, C. I	12.00
Hugus & Co., J. W	19.40
Jenkins, Chas. S	55.00
Jordan, Zachary	10.00
Jones Bros. & Co	37.35
Lansburgh Furniture and Carpet Co., Julius	360.00
Lehman, A. L	15.00
Library Bureau	481.50
Lincoln, Fred S	356.75
Madsen, P. W	32.45
Missoula Mercantile Co	25.00
Moses & Sons, W. B	598.55
Pioneer Mercantile Co. (Limited)	67.59
Rickenbacher, D	10.00
Robinson Furniture Co., The	4.95
Schuler Knox Co	11.00
Sharp & Sons, F	105.00
Skidmore, James L	5.00
Sprague Foundry and Manufacturing Co	250.91
Stevens, W. D	41.20
St. George Cooperative	15.10
Strain Bros	25.00
Swayze, W. L	308.00
Tinsley, G. W	19.50
Topham, James S	13.20
Watton, Fred W	15.00
Welsh and Titworth	18.10
Wilkinson & Fisher	5.00
Woodruff Manufacturing Co	143.30
Woodward & Lothrop	2,414.82
X. L. Furniture and Carpet Installment House	16.50
Yawman & Erbe Manufacturing Co	9,717.20
Total	17,068.36
Fuel.	
Anderson Lumber and Hardware Co	11.55
Beardsley, G. B	12.30

Name.	Amount.
Fuel—Continued.	
Brown, Howard	$17.00
Clark, W. J	17.83
Coleman & Albert	16.45
Colvin & Reece	5.00
Corbett, W. J	2.50
Dorsch, H. G	4.00
Garrett, Geo. R	11.00
Kennedy, E. H	16.33
Miller Bros	16.78
Nelson, J. W	2.10
Sheridan Coal Co	100.75
Strang, J. C	185.22
Townsend Mercantile Co	3.00
Union Ice Co	34.00
Williams Drug Co	12.90
Wills, Jack	2.50
Yale University	53.05
Total	533.26
Freight.	
Atchison, Topeka and Santa Fe Rwy. Co	245.93
Atchison, Topeka and Santa Fe Rwy. Co. (Coast Line)	2.42
Baltimore and Ohio R. R. Co., The	17.76
Barnes & Son, C. S	2.00
Bassett Lumber Co	11.43
Blue Line Transfer Co	21.56
Boston and Maine R. R	6.30
Chicago, Burlington and Quincy Rwy	11.30
Chicago and Northwestern Rwy. Co	5.29
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co	45.52
Colorado and Southern Rwy. Co	16.98
Denver, Northwestern and Pacific Rwy. Co	7.18
Denver and Rio Grande R. R. Co	125.01
El Paso and Southwestern System	2.61
Eureka Lumber Co	1.76
Great Northern Rwy Co	112.54
Head Lumber Co	1.55
Kalispell Lumber Co	5.67
Knox Express Co., Geo. W	4.25
Littlefield, Alvord & Co	11.94
Lowdermilk & Co., W. H	1.64
Milligan, James	9.55
Missoula Mercantile Co	5.49
Nevada County Narrow Gauge R. R. Co	1.37
Nevada United States Fence Co	4.25
New York Central and Hudson River R. R. Co	11.12
New York, New Haven and Hartford R. R. Co	6.44
Northern Pacific Rwy. Co	16.89
Oregon Short Line R. R. Co	16.19
Oregon Railroad and Navigation Co	59.89
Pennsylvania R. R. Co	24.68
Rio Grande Southern R. R. Co	5.99
San Pedro, Los Angeles and Salt Lake R. R. Co	55.20
Sierra Rwy. Co. of California	.76
Southern Pacific Co	22.70
Southern Rwy. Co	46.00
Union Pacific R. R. Co	59.84
Wabash R. R. Co., The	4.12
Westinghouse Air Brake Co	1.13
Williams Lumber Co	8.60
Yreka R. R. Co	1.59
Total	1,021.34

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Van Loon, Jean	$37.50
Vannoy, S. T	162.50
Van Wagenen, J. F	10.00
Vasquez, Louis	4.00
Venemann, T. W	411.50
Ventling, Floyd	11.25
Vermillion, W. L	5.00
Vernal Express	8.10
Vernal Sawmills and Lumber Co	90.42
Very, John M	6.00
Victor Co., The Jos	33.35
Vigil, D	14.00
Vigil, Luciano	8.00
Virtue, Willie	91.25
Viyegas, F	46.30
Voigtlander & Son Optical Co	.40
Wagenhorst & Co., J. H	1.00
Wagner, Lawrence	77.00
Wahr, George	5.00
Waite, C. A	15.50
Waldo, Geo. B	4.00
Walker, E. R	12.00
Walker, J. W	1.50
Wall, John P	51.75
Walla Walla Argus	3.00
Wallace, Charles	32.50
Wallace, Joseph D	14.65
Wallop & Mongreiffe	60.75
Wallowa Mercantile Co	145.40
Walsenburg World	2.09
Walsh, John	30.00
Walter, R. W	5.25
Walton, Fred W	16.00
Walworth Manufacturing Co	22.59
War Department	2,963.20
Ward, P. F	56.00
Ward, William	12.00
Ward & Co., Montgomery	102.28
Warden, Thomas	105.00
Warner, L	1,506.30
Wasatch Lumber Co	42.95
Washington Hardware Co	10.00
Washington Post Co	72.00
Waterton Oil Land and Power Co	16.37
Watkins & Hotchkiss	57.09
Watkins, Ray	18.00
Watrous, Earl	26.00
Watrous, H. R	51.00
Watson, Wm	20.00
Watterson, Geo	45.83
Wave Publishing Co	12.90
Weaverville Supply Co	83.87
Webster, Geo. P	3.68
Weekly Leader	3.40
Weekly Missoulian	3.90
Weekly Press (Beaver, Utah)	6.27
Weiss Mercantile Co., The A. J	5.50
Welsh & Titsworth	121.41
Wells, Chester G	133.75
Wentworth, John	9.00
West, John	130.00
West Publishing Co	147.00
Westbrook, L. D	15.00
Westcliffe Hardware Co	36.00
Western Glass and Paint Co	39.86
Western Hardware Co	20.00
Western Lumber Co	125.05
Western News	4.80
Western Supply Co	113.02
Westfall, John C	56.25
Wet Mountain Tribune	9.20
Weyls, Harry	556.13
Wheeler, Ward H	80.00
Whelpley, Philip B	62.70
White, B. F	152.48
White, Frank	11.00
White, George	23.00

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
White, Harrison	$18.00
White, J. H	4.25
White River Review	14.28
White, Wade	12.00
Whiteside, Job	132.95
Whitesitt, Roy N	7.50
Whiting, L. S	16.02
Whitman, Geo	548.00
Whitney, Chester N	99.00
Whittemore Land and Live Stock Co., W. B	20.00
Whittier Coburn Co	39.42
Whitzell, H. J	13.50
Whyte, Warren M	4.00
Wickes, H O	62.45
Wigginton, J	22.50
Wilcox, Curtis	37.50
Wildwood Lumber Co	41.12
Wiley, L. R	22.08
Wilkinson & Co., A. J	11.53
Willamette Tent and Awning Co	21.50
Willard, C. L, sr	12.00
Willcoxon, E. B	2,714.37
Williams, Brown & Earle	533.26
Williams, E. A	15.00
Williams, Frank	146.25
Williams, J. V	10.00
Williams Lumber Co	161.65
Williams, N. F	14.45
Williams News	.55
Williams, Redr	1.00
Williams, Walter E	52.50
Willis, Charles L	150.00
Willis, L. H	6.00
Willows Semiweekly Journal	3.14
Wills, Jack	401.82
Wilson, Arthur O	112.00
Wilson, Benjamin	3.00
Wilson, E. J	60.00
Wilson, Frances	20.00
Wilson, Fred	8.75
Wilson, J. R	6.00
Wilson, W. R	14.00
Winegrove, L. S	22.50
Winona Wagon Co	28.80
Winslow Mail	1.60
Winter, T. Z	39.50
Winters, J. L	12.00
Wise, John S	5.50
Wise, Roy L	15.00
Wishart, Fred	30.00
Witham, Frank F	46.88
Wolfe, F. V	8.00
Wollensak Optical Co	1.75
Wolverton Hardware Co., J. W	12.50
Wood, A. R	65.80
Wood, P. R	4.80
Wood River Times	9.71
Woodford, Geo. J	96.25
Woodward & Lothrop	192.05
Wooster, George	11.05
Wootan, D. J	10.00
Wray, Grant	72.50
Wright, A. W	120.00
Wright-Dickinson Hotel Co	73.00
Wyoming Stock Grower and Farmer	24.08
Yager, Wm. D	102.25
Yale & Towne Manufacturing Co	330.17
Yale University	24.27
Yates, W. A	266.00
Yawman & Erbe Manufacturing Co	57.00
Yeates & Wallace	28.05
Yergy, Estate of George O	40.00
Young, Henry C	14.00
Young, Luther	10.00
Young, Perry	10.00
Young & Sons	130.95

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Youngers & Co	$15.50
Yreka Journal	18.83
Zastrow, Paul	20.88
Zugelder, F. G	5.25
Total	168,705.80
Furniture.	
Aloe Co., A. S	16.00
Alpha Hardware and Supply Co	44.25
Amberg File and Index Co	128.00
Apple, G. W	30.25
Art Metal Construction Co	779.00
Birrer, Frank P	12.30
Booth Furniture Co., The	95.95
Brock, Beeken & Smith	8.00
Burton & Son, R. C. M	58.80
Callow, Fred B	16.15
Clemons, Lorena B	31.50
Corbett, W. J	18.90
Curtis & Bradley	6.00
Davis, Ike M	6.00
DeGroot, Peter	15.00
Eberly's Sons, A	19.00
Economy Drawing Table Co	281.25
Famous Store, The	11.60
Fisher-Glassford Hardware Co	31.75
Fuller Desk Co., Geo. H	111.40
Garnick & Son	16.50
Gottwals, W. O	17.50
Grand Rapids Furniture Co	10.00
Harris Bros	15.00
Hoeke, W. H	70.89
Holliday Co., The W. H	8.00
Huddle, C. I	12.00
Hugus & Co., J. W	19.40
Jenkins, Chas. S	55.00
Jordan, Zachary	10.00
Jones Bros. & Co	37.35
Lansburgh Furniture and Carpet Co., Julius	360.00
Lehman, A. L	15.00
Library Bureau	481.50
Lincoln, Fred S	356.75
Madsen, P. W	32.45
Missoula Mercantile Co	25.00
Moses & Sons, W. B	598.55
Pioneer Mercantile Co. (Limited)	67.59
Rickenbacher, D	10.00
Robinson Furniture Co., The	4.95
Schuler Knox Co	11.00
Sharp & Sons, F	105.00
Skidmore, James L	5.00
Sprague Foundry and Manufacturing Co	250.91
Stevens, W. D	41.20
St. George Cooperative	15.10
Strain Bros	25.00
Swayze, W. L	308.00
Tinsley, G. W	19.50
Topham, James S	13.20
Watton, Fred W	15.00
Welsh and Titworth	18.10
Wilkinson & Fisher	5.00
Woodruff Manufacturing Co	143.30
Woodward & Lothrop	2,414.82
X. L. Furniture and Carpet Installment House	16.50
Yawman & Erbe Manufacturing Co	9,717.20
Total	17,068.36
Fuel.	
Anderson Lumber and Hardware Co	11.55
Beardsley, G. B	12.30

Name.	Amount.
Fuel—Continued.	
Brown, Howard	$17.00
Clark, W. J	17.83
Coleman & Albert	16.45
Colvin & Reece	5.00
Corbett, W. J	2.50
Dorsch, H. G	4.00
Garrett, Geo. R	11.00
Kennedy, E. H	16.33
Miller Bros	16.78
Nelson, J. W	2.10
Sheridan Coal Co	109.75
Strang, J. C	185.22
Townsend Mercantile Co	3.00
Union Ice Co	34.00
Williams Drug Co	12.90
Wilis, Jack	2.50
Yale University	53.05
Total	533.26
Freight.	
Atchison, Topeka and Santa Fe Rwy. Co	245.93
Atchison, Topeka and Santa Fe Rwy. Co. (Coast Line)	2.42
Baltimore and Ohio R. R. Co., The	17.76
Barnes & Son, C. S	2.00
Bassett Lumber Co	11.43
Blue Line Transfer Co	21.56
Boston and Maine R. R	6.30
Chicago, Burlington and Quincy Rwy	11.30
Chicago and Northwestern Rwy. Co	5.29
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co	45.52
Colorado and Southern Rwy. Co	16.98
Denver, Northwestern and Pacific Rwy. Co	7.18
Denver and Rio Grande R. R. Co	125.01
El Paso and Southwestern System	2.61
Eureka Lumber Co	1.76
Great Northern Rwy. Co	112.54
Head Lumber Co	1.25
Kalispell Lumber Co	5.67
Knox Express Co., Geo. W	4.25
Littlefield, Alvord & Co	11.94
Lowdermilk & Co., W. H	1.64
Milligan, James	9.55
Missoula Mercantile Co	5.49
Nevada County Narrow Gauge R. R. Co	1.87
Nevada United States Fence Co	4.25
New York Central and Hudson River R. R. Co	11.12
New York, New Haven and Hartford R. R. Co	6.44
Northern Pacific Rwy. Co	16.89
Oregon Short Line R. R. Co	16.19
Oregon Railroad and Navigation Co	59.89
Pennsylvania R. R. Co	24.68
Rio Grande Southern R. R. Co	5.99
San Pedro, Los Angeles and Salt Lake R. R. Co	55.20
Sierra Rwy. Co. of California	.76
Southern Pacific Co	22.70
Southern Rwy. Co	46.00
Union Pacific R. R. Co	59.84
Wabash R. R. Co., The	4.12
Westinghouse Air Brake Co	1.13
Williams Lumber Co	8.60
Yreka R. R. Co	1.39
Total	1,021.34

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Express.	
Adams Express Co	$1,664.71
Eastman Kodak Co	10.47
Felt and Tarrant Manufacturing Co	2.20
Globe Express Co	9.10
Keuffer & Esser Co	2.50
Missoula Mercantile Co	10.30
National First Aid Association of America	1.00
Pacific Express Co	35.40
Southern Express Co	20.41
United States Express Co	1,528.87
Total	3,284.96
Telegraph.	
Postal Telegraph-Cable Co	378.77
Western Union Telegraph Co	3,469.14
Total	3,847.91
Telephone.	
Chesapeake and Potomac Telephone Co	668.52
Colorado Telephone Co	11.70
Garlitz & Sons, H. B	7.85
Home Telephone Co	4.00
Kemmerer-Big Piney Telephone Co	7.50
Mitchell Bros	10.50
Pacific States Telephone and Telegraph Co	4.50
Pacific Telephone and Telegraph Co	13.55
Rocky Mountain Bell Telephone Co	599.85
Santa Fe Electric Telephone Co	27.00
Sunset Telephone Co	4.55
Tuolumne County Water and Electric Power Co	20.00
Utah Independent Telephone Co	48.50
Total	1,428.02
Rent.	
Arizona Central Bank	144.00
Atlantic Building Co., The	17,980.46
Baker, Mary F	20.00
Barrett, G. W	30.15
Beardmore, Chas. W	72.00
Beaver Equitable Cooperative	105.00
Bemis, H. E	67.50
Bentley, Joseph	128.35
Borrowdale, W. M	25.00
Bothin, Henry E	29.03
Bradford, May Cody	6.67
Brown, William J	12.50
Burnside, John L	90.00
Carkeek, Laure E., estate of	45.00
Carleek, M. T., legatee	135.00
Carter, Theodore W	45.00
Castle, Harry L	50.00
Central Building Association	66.43
Chamberlain, George A	30.00
Clark, R. G	3.65
Coffin, Frank R	157.00
Coleman, Geo. A	8.00
Coleman, Gilbert B	60.00
Colorado Mortgage and Investment Co. (Limited)	90.00
Commissioners of Roosevelt County, N. Mex	42.00
Commonwealth Investment Co	270.00
Conklin, Arthur	25.29
Conrad National Bank of Kalispell	259.50
Conrey Placer Miner Co	24.00
Coram, Jos. A	12.00

Name.	Amount.
Rent—Continued.	
Daily Morning Union	$13.00
Dangan, William	25.00
Daniels, Henry	15.00
Dante, J. W	225.00
Davidson, Byard	12.50
Day, C. M	19.50
DeBord, M. E	50.00
Dillingham, Leslie M	30.80
Dougan, William	300.00
Farrington, E. S	71.00
First National Bank	37.50
Flemming, Ernest	19.50
Fox, W. P	115.00
Fraternal Hall Association	49.50
Gardner, John A	17.50
Gates, Maria	11.00
Granjon, H	60.00
Gray, M. J	120.00
Hamill, Jos. H	110.00
Hanson, Adolph	22.00
Hefferlin, C. S	75.00
Howard, Canfield Co	137.50
Hugus & Co., J. W	59.81
Husted, Clara G	60.00
Jackson, Amanda	88.00
Johnson, Andrew	120.00
Johnson & Smith	20.00
Kalispell National Bank of Kalispell	12.00
Kaseman, George A	50.00
Kickland, W. A	97.20
Kohrs & Bielenburg Realty Co	25.00
Kohrs, Conrad	135.00
Kopp Co., The	60.00
Krohne, C. O., agent for C. S. Hefferlin	15.00
Krueger, Louis	15.00
Lake, Ed	5.00
Lake, Henry F., agent for Edwin Scott	60.00
Lauer & Son, E	91.75
Lawley & Son, Corporation, Geo	400.00
Littlefield, Alvord & Co	90.00
Loud, Frank H	4.17
Luck, Charles W	114.00
Maddock, E. C	25.00
Mangum, W. Lester	180.00
Marsters, A. C	135.00
Martin, J. E	62.50
McDougall, Jas. H	16.00
Merriam, W. E., administrator estate of J. A. Merriam	96.00
Miller, W. J	160.00
Mottet Bros	140.00
Newman Investment Co	200.00
Osgood, Alicia	72.00
Pace, John E	96.00
Pacific Electric Rwy. Co	528.00
Parker Lumber Co	25.00
Pasadena and Mount Wilson Toll Road Co	120.00
Pebbles, J. F	5.00
Pepper, Samuel T	3.33
Phingston, Fred	21.00
Pierse, Allen	30.00
Pilling, John W	120.00
Piskorski, Joseph	20.00
Pratt, Lorum	9.00
Preston, William B. and Harriett A	90.00
Ransom, John E	40.00
Requa, R. W	75.00
Richardson, R. R	36.45
Riggs, B., sr	88.00
Riley, Theodore D	60.00
Robinson, J. N	8.00
Ruwe, Wm	120.00
Salina Meat and Supply Co	42.25

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.
Rent—Continued.	
Saratoga State Bank	$120.00
Schwartz, Ben	270.00
Scott, Edwin, Henry F. Lake, agent for	60.00
Shell, Combs & Co	36.00
Six, C. S	24.00
Smith, Emmons S	270.00
Steward, Geo	100.00
Thompson, J. D	150.00
Town of Monte Vista, Colo	180.00
Townsend Mercantile Co	135.00
Walker Bros. Dry Goods Co	70.87
Wallowa Mercantile Co	108.00
Washington Loan and Trust Co., The	249.76
Wheaton, W. W	86.67
Whittier, W. F	201.05
Williams Drug Co	60.00
Wilson, D. E	20.00
Wilson, David	150.00
Wilson Drug Co	53.05
Wood, H. R	150.00
Young, George W	30.00
Zeckendorf, Mathilde	36.67
Total	28,277.29
Gas and electricity.	
Conrad National Bank of Kalispell, The	7.50
Potomac Electric Power Co	367.36
Sheffield Scientific School	28.50
Townsend Mercantile Co	4.00
United Illuminating Co., The	21.00
Washington Gas Light Co	1.50
Yale University	36.08
Total	465.94
Apparatus, instruments, and laboratory material.	
Altender & Sons, Theo	1.67
American Stave and Cooperage Co	67.10
Arutzen, Valdemir	10.00
Ballantyne, R. Carter	2,127.59
Barnstead Pure Water Still Co	8.00
Bausch & Lomb Optical Co	750.42
Blackiston's Son & Co., P	5.00
Bristol Co., The	60.00
Claflin Optical Co	.60
Columbia Photo Supply Co	1.45
Dietzgen Co., Eugene	12.00
Eimer & Amend	15.20
Electric Appliance Co	52.00
Evans, Henry	177.16
Gilman, Z. D	65.68
Greimer Co., The Emil	10.00
Gurley, W. & L. E	364.20
Jenkins Bros	12.33
Keuffel & Esser Co	2,604.87
Library Bureau	18.25
Lobee Pump and Machinery Co	20.00
Lufkin Rule Co	643.76
Mackall Bros	162.36
McKee & Co., A. J	.95
Moore, A. L	18.10
Muth & Co., Geo. F	1,691.47
Philadelphia General Supply Co	48.00
Pullman, E. J	.75
Queen & Co	1,184.02
Rau, John C	1.50
Schmidt, Fred A	5,022.59
Sheffield Scientific School	41.63
Shehan & Groark	31.04
Westinghouse Air Brake Co	70.50
Whitall, Tatum Co	$12.78
Young & Sons	23.80
Total	15,336.77
Printing and binding.	
Public Printer, The	29,984.25
Travel and station and field expenses.	
Adams, Charles H	790.43
Adams, James B	906.28
Adamson, J. W	17.30
Akerman, Alfred	49.15
Allen, E. T	930.72
Allen, Grenville F	430.46
Allison, Jno. Howard	109.60
Ames, F. E	636.65
Anderson, David	230.20
Anderson, Milton J	55.35
Andrews, William T	130.05
Armentraut, Edwin S	15.90
Ashe, W. W	58.90
Ayres, Robt. W	1,018.69
Baird, John S	262.33
Baker, Hugh P	750.00
Ball, S. H	181.20
Balle, Christian T	31.55
Bard, George Philip	71.45
Barnett, David	254.85
Barney, George H	211.94
Barrett, Louis A	443.10
Barton, J. E	128.86
Bartrum, S. C	549.00
Bassett, C. C	97.50
Bateman, Ernest	18.55
Bell, J. R	621.63
Bembry, Burnett W	90.95
Benedict, R. E	895.25
Bentley, John, jr	81.42
Bentz, Geo. G	113.00
Bergh, Henry A	56.50
Besley, La Moree	211.46
Betts, H. S	446.15
Bigelow, R. L. P	493.55
Birdno, Geo. H	16.65
Blair, James A	396.84
Blair, Ole E	29.60
Bliler, H. A	458.16
Boisen, A. T	264.17
Bond, Jay F	776.77
Boothe, Roy	31.50
Bradfield, Wesley	424.78
Bradish, W. N	248.30
Breen, F. S	901.13
Bristol, H. Stanley	1,263.80
Britten, Ernest	77.75
Bronson, D. D	2,907.24
Brothers, Chas. Shields	61.70
Brown, Horatio J	125.88
Brown, R. J	237.50
Bruce, Eugene S	1,082.29
Bruins, J. F	159.15
Buck, C. J	343.76
Bunker, Page S	555.73
Burns, Findley	357.01
Burns, Mark	414.75
Burrall, H. D	127.55
Bushnell, Dwight	673.81
Campbell, J. K	97.40
Campbell, Robert L	543.59
Carter, E. E	1,010.78
Cecil, Geo. H	198.00
Chapman, C. S	905.78

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Charlton, Rushton H	$2,143.91	Greeley, W. B	$827.07
Chidsey, Thomas E	27.45	Gregg, George P	213.35
Clapp, Earle H	706.71	Griffith E. M	521.70
Clark, John H	1,241.83	Grinnell, Henry	841.58
Clark, Willard W	582.51	Guthrie, John D	1,137.52
Clarke, Edwin H	74.03	Hackley, R. C	110.75
Clement, G. E	207.30	Hadley, Walter B	700.44
Clifford, Edward C	222.89	Hafley, F. H	134.30
Cline, McGarvey	938.17	Haines, F. N	734.28
Clos, Wm. C	446.70	Hale, H. M	490.26
Clothier, George L	530.99	Hall, Chas. C	315.19
Coleman, George A	428.41	Hall, Wm. L	825.70
Coleman, Gilbert B	521.25	Hamilton, E. M	725.00
Collett, Sylvanus	99.87	Hamilton, George	43.05
Conkling, David T	145.84	Hammatt, Richard F	275.15
Cooley, Charles F	36.22	Hanson, Fred	698.55
Coolidge, Philip T	199.55	Harris, Hugh H	158.30
Cooper, Albert W	306.69	Harris, Lee A	823.43
Cooper, Lee E	16.25	Harris, P. T	1,141.81
Cott, George L	53.53	Harris, Selden F	193.44
Cox, William T	890.47	Harrison, D. C	86.10
Crandell, Lemuel D	10.10	Hatt, W. K	609.08
Crawford, Carl G	1,565.78	Hatton, John H	1,081.23
Cress, George H	11.00	Hayes, Wm. D	99.22
Crow, B. H	14.00	Heilman, Ben C	110.73
Cryder, W. H	4.38	Heim, A. L	92.90
Dahl, Arthur L	137.85	Hepburn, Edwin D	17.15
D'Allemand, B. R. H	81.00	Herring, W. E	436.90
Davis, L. G	423.51	Higgins, Chas. G. Y	119.32
Day, C. M	43.50	Hill, C. L	475.74
Dean, Arthur L	635.83	Hill, Harry L	405.87
Detwiler, S. B	927.19	Hinderer, Chas. H	126.80
Dilley, James W	77.00	Hjort, C. K	17.85
Donery, Joseph A	27.37	Hodge, Wm. C., jr	589.25
Dorsey, James A	302.95	Hodson, E. R	728.64
Douglas, Stephen H	28.60	Hoffman, A. H	8.75
Drake, Willard M	259.16	Hogan, Thos	391.31
DuBois, Coert	1,226.84	Hogue, A. H	237.77
Dunlap, Frederick	526.61	Hogue, William B	8.05
Dunston, Clarence E	101.30	Holmes, J. S	635.28
Durbin, W. G	570.46	Holroyd, H. B	594.59
Eastman, H. B	257.08	Homans, G. M	997.15
Edmonston, W. D	224.85	Hooper, Albert N. D	16.70
Edmunds, P. D	19.17	Howarth, James A., jr	32.15
Edson, Gordon	86.35	Hoyt, Timothy C	301.99
Eldredge, I. F	1,409.19	Huestis, Wilber A	10.10
Elliott, M. B	858.42	Hughes, John B	175.80
Ellis, S. L. N	250.35	Humphrey, C. J	191.64
Erickson, M. L	1,303.78	Hunt, Loren E	301.22
Farley, George	237.87	Hurst, William	277.65
Farmer, John W	707.97	Husted, Shep. N	256.01
Fenn, F. A	532.34	Imes, Richard P	63.80
Fenn, Homer E	222.83	Ireland, A. S	223.88
Fetherolf, Jas. M	846.83	Ireland, Henry	133.91
Fitton, David E	47.28	Jackson, W. E	264.58
Fitzgerald, C. W	471.30	Jardine, James T	60.10
Flintham, Stuart J	227.99	Jensen, A. W	421.29
Flory, Chas. H	225.52	Jensen, M. C	419.67
Foley, John	146.98	Jones, Zeph	82.45
Foster, Harold Day	191.40	Joy, F. E	560.27
Foster, J. H	147.11	Keach, John E	813.41
French, Harry H	585.28	Kelleter, Paul D	873.08
Fromme, Rudo L	115.95	Kellogg, R. S	750.13
Frothingham, Earl H	88.55	Kelso, William B	16.15
Gage, Chas. F	287.61	Kempfer, W. H	195.42
Galarneau, D. C. A	589.86	Kenner, Beauregard	150.40
Gardner, Percy	87.26	Kent, W. H. B	1,591.83
Garvin, Thos. J	605.40	Kerr, John	348.47
Gaskill, Alfred	786.48	Kinney, David G	204.24
Geer, Wm. C	934.01	Kinney, James H	317.77
Gibler, Harry	88.52	Kirkland, Burt P	81.75
Gillett, L. G	744.05	Klarpp, Frank	306.10
Goss, Oliver P. M	326.45	Knapp, J. B	603.81
Grandjean, E	294.70	Kneipp, Leon F	696.06
Graves, H. S	42.75	Koch, Elers	834.48

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Kreutzer, Wm. R	$199.03	Peck, A. S	$432.98
Kummel, Julius F	287.26	Peters, J. G	825.86
Kupfer, Carl A	109.11	Pettis, C. R	200.00
Lafferty, J. B	725.40	Phillips, Ress	40.70
LaFountain, W. E	1,085.30	Phillips, Frank J	825.78
Leatham, James	50.05	Pierce, Charles Roy	85.60
Leavitt, Clyde	1,121.14	Pierson, Albert H	119.05
Leslie, E. E	75.05	Pinchot, Gifford	649.63
Lindgren, W	146.95	Piper, William B	143.30
Lovelace, Byron O	68.50	Plummer, F. G	254.43
Lull, Gerard B	43.90	Pogge, Ulrich C	7.80
Lyford, Chas. A	74.20	Pond, Russell G	392.50
McCain, Arthur C	44.70	Pooler, Frank C. W	490.63
McClure, Francis S	20.00	Porter, H. K	39.60
McClure, R. C	169.58	Porter, H. W	111.25
McConnell, Benjamin F	83.05	Potter, A. F	1,489.60
McFarland, Chas. D	30.00	Powers, Allan R	174.25
McGlone, Charles T	549.44	Pratt, Lorum	58.37
McKinnon, Wm. R	565.20	Price, Overton W	706.73
McMillan, Ross	90.60	Pullman, Raymond W	71.10
McMullin, C. E	152.14	Rachford, C. E	14.30
McPheters, Herbert G	20.10	Ramskill, Jerome H	172.63
McVean, M. J	304.05	Read, A. D	68.50
MacKaye, Benton	148.81	Rocknagel, A. B	920.61
Mackelfresh, Oscar S	11.00	Record, S. J	1,371.30
Mains, Guy B	112.16	Redington, P. G	1,075.15
Mainwaring, E. S	246.68	Reed, F. W	981.48
Margolin, Louis	611.42	Reed, W. H	352.31
Marr, Arthur N	58.40	Reynolds, Dexter B	8.20
Marshall, D. S	374.17	Reynolds, R. V. R	609.75
Marshall, G. E	1,354.37	Rider, W. B	50.11
Marshall, H. A. E	382.52	Riley, Smith	1,390.98
Mast, Wm. H	1,822.07	Ringland, A. C	853.43
Mattoon, W. R	1,820.25	Robison, J. W	150.00
Maule, W. M	94.40	Rodgers, Robt. A	66.30
Maxwell, Hu	18.71	Rodman, Douglas	89.70
Meagher, Thomas F., jr	132.30	Rushing, Wm. J	47.75
Mell, C. D	576.11	Russell, E. C	169.14
Merrill, H. G	358.19	Rutledge, R. H	89.90
Metcalf, H. C	56.52	Sackett, H. S	729.36
Milham, George W	296.79	Salzman, F. X	224.39
Miller, F. G	310.48	Sampson, Arthur W	100.23
Miller, L. C	530.35	Sawyer, George E	165.59
Miller, Robert E	208.65	Schmitz, John M	532.69
Mills, Enos A	730.17	Schoonover, Charles E	17.55
Mooney, William C	20.70	Scott, Chas. A	1,978.96
Moore, R. J	114.03	Searcy, E. W	3.10
Moore, S. L	749.24	Seely, J. B	332.17
Morrell, Fred W	115.70	Seitz, Clyde R	6.90
Morrill, H. G	78.25	Shartzer, L. A	18.10
Morrill, Walter J	538.52	Shaw, Alexander C	855.53
Morris, Albert	29.75	Shaw, Ernest W	582.20
Morrissey, E. F	177.69	Shellabarger, R. W	307.28
Morrissey, O. A	11.45	Sheller, D. B	831.90
Mundell, Lewis J	11.65	Sherfesee, W. F	334.94
Myers, George Hewitt	56.23	Sherman, E. A	1,279.13
Neel, Harry C	738.90	Sherrard, Thos. H	1,532.21
Nelson, Jesse W	47.00	Sherwin, Frank R., jr	126.33
Nelson, John M., jr	14.15	Shinn, Charles H	1,518.77
Newlin, J. A	113.76	Shockley, Hepler R	176.85
Nichols, H. O	189.27	Siecke, Eric O	998.15
Norton, A. J	810.22	Silcox, F. A	404.50
Oakleaf, Howard B	129.41	Skeels, Dorr	83.55
O'Brien, Howard K	225.99	Slosson, Willis M	1,092.54
Olmsted, F. E	1,333.05	Smith, Clinton G	27.70
Oman, A. E	680.41	Smith, C. Stowell	428.67
Pack, Daniel S	59.70	Smith, Herbert A	454.84
Pack, Willard I	398.75	Smith, J. F	325.50
Parker, Rutledge	78.05	Smith, Manasseh, jr	189.70
Parnay, S. Y	133.43	Smith, Stanton, G	1,331.74
Patterson, A. B	106.51	Snell, Nathan E	29.10
Patterson, John H	16.00	Snodgrass, Perry L	7.23
Patton, James W	23.95	Snow, Orrin C	159.00
Pearce, W. H	350.35	Spencer, Frank C	406.50
Peavy, George W	2,660.05	Spring, S. N	910.40

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "General expenses, Forest Service, 1907, $887,140"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Squire, C. H	$348.77	Waha, A. O	$133.15
Squires, John F	89.05	Walker, W. L	498.45
Stabler, H. O	1,202.93	Warner, Joseph DeWitt	992.73
Stahl, Carl J	336.38	Weber, W. Hoyt	77.84
Sterling, E. A	964.83	Wedemeyer, Jno. T	744.45
Sterritt, W. D	384.02	Weigle, W. G	1,075.91
Steward, Luther	17.70	Weiss, H. F	634.41
Stickney, Mallory N	130.10	Weitknecht, Robt	120.97
Stroup, Andrew L	217.30	Wells, J. C	252.60
Stuart, Robert W	125.00	Wells, Philip P	243.35
Stuart, R. Y	875.68	West, Thos. C	26.65
Studley, Horace F	630.98	Wheaton, Walter R	118.45
Sudworth, Geo. B	193.19	Wheeler, Herbert N	287.21
Swan, O. T	16.60	White, Harrison	205.92
Swift, Theodore	150.65	White, L. L	1,114.43
Terrell, S. S	121.05	White, W. W	76.45
Thain, James G	43.30	Whitney, Albert	1.50
Thelen, Rolf	352.18	Whitney, F. D	126.40
Theurer, David O	1.25	Will, Thomas E	251.91
Thurston, H. W	83.50	William, Eugene	195.80
Tibbitts, Sewell	283.15	Willson, Roscoe G	11.90
Tiemann, Harry D	202.31	Wilson, R. B	832.97
Todd, Ira E	188.79	Woodbury, Trueman D	550.78
Tompkins, Frank	290.52	Woodruff, Mark G	310.54
Tompkins, H. J	121.85	Woodward, Karl W	936.39
Torstenson, N. O	352.95	Woolsey, T. S., jr	966.18
Tyler, A	10.00	Worthley, I. T	832.39
Tyler, Ramond	33.85	Wrenstedt, Peter T	152.30
Uhler, W. S	204.94	Yerkes, H. B	16.70
Vance, Edward N	1.60	Ziegler, E. A	174.85
Varela, A. G	3.52	Zon, Raphael	545.17
Von Bayer, W. H	579.54		
Von Wernstedt, Lage	1,347.27	Total	170,005.06
Wagner, Frank H	11.00		

Total amount of appropriation	$887,140.00
Total expenditures under above groups	834,071.85
Unexpended balance	53,068.15
Repayments to credit of appropriation	134.22
Net unexpended balance	53,202.37

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Charlton, R. H	Forest inspector, at $2,000, and forest supervisor and temporary special disbursing agent, at $2,000 and $2,100.	$1,875.00	$2,143.91
Langille, Wm. A	Forest inspector, forest supervisor, and temporary disbursing agent, at $1,800 and $2,000, and forest supervisor and special fiscal agent, at $2,000 and $1 per diem.	2,068.00	2,260.73
Bronson, D. D	Forest inspector, at $1,400	933.33	.....
Tompkins, Harry J	Assistant forest inspector, at $1,700 and $1.25 per diem.	716.67	.....
Wedemeyer, John T	Inspector of grazing, at $1,200	100.00	.....
Sheller, David B	Superintendent, at $2,000	1,666.66	.....
Breen, F. S	Forest supervisor, at $2,200 and $2,300	2,058.33	901.13
McClure, Robt. C	Forest supervisor, at $2,200	2,016.66	169.88

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington—Cont'd.			
rank A	Forest supervisor, at $2,000 and $2,200	$1,916.66	$532.34
, Louis A	Forest supervisor, at $2,000 and $2,100	1,875.00	443.10
Robt. E	do	1,350.00	
assius M	Forest supervisor, at $2,000	1,461.11	43.50
n, Edw. A	Forest supervisor, at $1,800 and $2,000	1,400.00	
Chas. H	do	1,733.33	1,518.77
. F	Forest supervisor, at $1,800 and $1,900	1,533.33	
n, Smith C	do	1,666.66	549.00
, Willis M	do	1,691.66	1,092.54
, Wm. E	Forest supervisor, at $1,800	1,650.00	264.56
Harrison	do	675.00	205.92
Elers	Forest supervisor, at $1,700	708.33	
A. W	Forest supervisor, at $1,600 and $1,800	1,550.00	421.29
, R. L. P	Forest supervisor, at $1,600 and $1,700	1,508.33	493.55
F. C. W	do	1,225.00	
Louis G	Forest supervisor, at $1,600	1,066.66	423.51
Wm. H	Forest supervisor, at $1,500 and $1,800	1,000.00	
, Wm. B	Forest supervisor, at $1,500 and $1,700	824.99	
F. N	do	1,458.33	734.28
, L. F	do	1,175.00	
, Geo. W	do	1,458.33	296.79
V. I	do	1,458.33	398.75
Chas. A	do	420.00	
asper B	do	1,458.33	332.17
n, G. B	Forest supervisor, at $1,500 and $1,600	1,416.66	521.25
L. N	do	1,416.66	250.35
A. H	do	1,416.66	237.77
Zeph	do	1,016.66	
ell, B. F	do	1,416.66	83.05
, Edwin C	do	1,016.66	
, John W	Forest supervisor, at $1,500	500.00	
John F	do	1,375.00	325.50
M. B	Forest supervisor, at $1,400 and $1,800	1,562.22	858.42
mes R	Forest supervisor, at $1,400 and $1,600	1,366.66	621.63
ll, Dwight	do	1,366.66	673.81
Edwin H	do	1,366.66	74.03
William	do	1,366.66	277.65
ohn	do	1,100.00	
, F. C	do	1,366.66	406.50
r, H. N	do	1,366.66	287.21
n, Geo. A	Forest supervisor, at $1,400 and $1,500	1,325.00	428.41
, Frederick	do	1,325.00	698.55
y, Edw. F	do	950.00	
Daniel S	do	1,325.00	59.70
arger, R. W	do	1,075.00	307.28
s, Eugene	do	1,325.00	195.89
W. J	Forest supervisor and deputy forest supervisor, at $1,400.	1,283.33	
g. D. T	Forest supervisor, at $1,400	1,283.33	145.84
n, Ross	do	700.00	90.60
Guy B	do	116.67	
H. K	do	1,283.33	39.60
Andrew L	do	824.45	217.30
Robt. W	do	311.11	125.00
iff, Mark G	do	816.67	310.54
, Adison S	Forest supervisor, at $1,200 and $1,600	1,266.66	223.88
, Geo. H	Forest supervisor, at $1,200 and $1,500	1,225.00	211.94
e, Chas. T	do	1,225.00	549.44
ed, Peter T	do	1,225.00	152.30
. John F	Forest supervisor, at $1,200, $1,400, and $1,500, and deputy forest supervisor, at $1,500.	1,271.11	89.05
ra E	Forest supervisor, at $1,200 and $1,400	1,183.33	188.79
r, T. F., jr	Forest supervisor, at $1,200	686.67	132.30
Lorum	Forest supervisor and deputy forest supervisor, at $1,200.	1,100.00	58.37
James G	Forest supervisor, at $1,100 and $1,400	1,130.27	43.30
S. S	Forest supervisor, at $900, $1,200, and $1,300	647.22	121.05
Chas. F	Forest supervisor, at $900 and $1,200	1,017.50	36.22
. T	Forest supervisor and assistant forest ranger, at $900.	825.00	31.55
ll, Daniel S	Deputy forest supervisor, at $1,400	1,050.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Seitz, Clyde R.	Deputy forest supervisor, at $1,400	$233.34	
Wilson, Robt. B.	....do	563.89	
Hafley, F. H.	Deputy forest supervisor, at $1,200, and forest supervisor, at $1,400.	1,183.33	$134.39
Kling, L. A. H.	Deputy forest supervisor, at $1,200	700.00	
Marshall, G. E.	Forest ranger, at $1,500, and assistant lumberman, at $1,500 and $1,800.	1,475.00	1,354.37
Reed, Wm. H.	Forest ranger, at $1,500, and forest supervisor, at $1,500 and $1,700.	1,350.00	352.31
Lafferty, Jacob B.	Forest ranger, at $1,400, and forest supervisor, at $1,400 and $1,600.	1,366.66	725.49
Mainwaring, Edw. S	....do	966.66	
Marshall, H. A. E	....do	1,366.66	382.82
Bunker, Page S.	Forest ranger, at $1,200, and forest supervisor, at $1,200 and $1,600.	1,133.33	
Fenn, Homer E.	....do	1,266.66	222.83
Schmitz, John M.	Forest ranger, at $1,200 and forest supervisor, at $1,500.	1,300.00	532.69
Anderson, David.	Forest ranger, at $1,200, and forest supervisor, at $1,400.	1,183.33	230.39
Hogan, Thomas.	....do	1,183.33	391.31
Moore, Robt. J.	....do	950.00	
Torstenson, N. O.	....do	833.33	
Barnett, David.	Forest ranger, at $1,200 and $1,400.	345.00	
Baird, John S.	....do	933.34	
Kueny, Frank A.	....do	1,183.33	
Anderson, Wm. M.	Forest ranger, at $1,200 and $1,300.	1,141.66	
Blackhall, James.	....do	816.66	
Crow, B. H.	....do	1,141.66	14.09
Kenner, Beauregard.	....do	816.66	
La Plant, J. C.	....do	1,141.66	
Britten, Ernest.	Forest ranger, at $1,200.	900.00	
Callister, T. Clark.	....do	470.00	
Chesher, A. L.	....do	583.33	
Collett, S.	....do	1,100.00	99.87
Pack, John A.	....do	1,036.66	
Ring, Geo. V.	....do	200.00	
Wade, Rufus K.	....do	200.00	
Whitney, F. D.	....do	800.00	
Wilkerson, N. E.	....do	1,036.67	
Burns, Mark.	Forest ranger, at $1,100 and $1,400.	875.00	
McKinnon, Wm. R.	....do	758.33	
Sherwin, F. R., jr.	Forest ranger, at $1,100 and $1,300.	1,091.66	126.33
Farley, George.	Forest ranger, at $1,100 and $1,200.	941.66	237.87
Reynolds, Albert.	Forest ranger, at $1,100.	1,008.34	
Husted, Shop N.	Forest ranger, at $1,080 and $1,200, and forest supervisor, at $1,200 and $1,600.	1,261.66	256.01
Anderson, M. J.	Forest ranger, at $1,080 and $1,200.	740.00	
Douglas, S. H.	....do	1,040.00	28.60
Fenton, P. A.	....do	1,040.00	
Mullison, John H.	....do	1,040.00	
Thurston, Harry W.	....do	725.00	
Wells, John C.	....do	1,025.33	252.60
Woods, C. N.	....do	440.00	
Edmonston, Wm. D.	Forest ranger, at $1,080.	810.00	
Randle, Chas. E.	....do	48.00	
O'Brien, H. K.	Forest ranger, at $1,000, and forest supervisor, at $1,500.	1,154.16	225.99
Hinderer, Edw. A.	Forest ranger, at $1,000 and $1,200.	1,080.55	
Harley, Frank W.	Deputy forest ranger, at $1,100, and forest ranger, at $1,200.	1,050.00	
Morganroth, Christ.	....do	1,050.00	
Claflin, Albert B.	Deputy forest ranger, at $1,100.	733.33	
Dean, Richard P.	....do	1,008.33	
Hall, Geo. W.	....do	275.00	
Hoy, Abraham L.	....do	1,008.33	
Webb, Chas. Y.	....do	571.39	
Dodge, Chas. H.	Deputy forest ranger, at $1,080, and forest ranger, at $1,200.	840.00	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Vashington—Cont'd.			
ames A.	Deputy forest ranger, at $1,000, forest ranger, at $1,200, and forest supervisor, at $1,200 and $1,600.	$833.32	
Harry H	do	1,228.32	$585.28
r, Wm. R.	Deputy forest ranger, at $1,000, and forest supervisor, at $1,400.	1,071.66	199.03
Henry.	Deputy forest ranger, at $1,000, and forest ranger, at $1,200 and $1,400.	1,072.78	133.91
ng, Chas. W.	Deputy forest ranger, at $1,000, and forest ranger, at $1,200.	1,000.00	
t, Lewis.	do	1,000.00	
Wm. C	do	947.22	
David	do	1,000.00	
, Lewis E.	do	986.11	
D. C.	do	1,000.00	
Wm. A	do	1,000.00	
E. W	do	1,000.00	3.10
, Thomas R.	do	863.89	
Wm. B	do	1,000.00	
William	do	1,000.00	
ld, R. D.	Deputy forest ranger, at $1,000 and $1,100, and forest ranger, at $1,200.	951.67	
y, Robt. W	Deputy forest ranger, at $1,000 and $1,100	958.33	
ı, Edwin D.	do	944.44	17.15
Vm. B	do	958.33	16.15
rank C.	do	958.33	
Malcolm	do	958.33	
A. J.	do	958.33	
John T.	do	958.33	
ın, John H.	do	941.66	16.00
n, W. C.	do	958.33	
Vm. M., jr.	do	916.66	
n, F. M.	do	958.33	
, Bert F.	Deputy forest ranger, at $1,000	666.66	
ohn H.	do	166.66	
oel E.	do	916.66	
lvester	do	916.66	
l, J. C.	do	916.66	
Harry	do	416.66	88.52
Harry G	do	486.11	
Fred	do	905.55	
rnest B.	do	916.66	
Lewis A.	do	916.66	
, E. G.	do	416.66	
ugene F.	do	916.66	
, Chas. M.	do	208.33	
rank W.	Deputy forest ranger, at $1,000, and assistant forest ranger, at $900.	833.33	
eo. G.	Deputy forest ranger, at $900, and forest ranger at $1,400.	683.33	
aymond	Deputy forest ranger, at $900, and forest ranger at $1,200.	105.00	33.85
, Geo. L.	do	905.00	
esse W.	Deputy forest ranger, at $900 and $1,200	650.00	
Vm. H.	Deputy forest ranger, at $900, $1,100, and $1,200.	916.66	
o. A.	Deputy forest ranger, at $900 and $1,100	908.33	
A. B.	do	781.67	
, Wm. H.	do	633.33	
F.	do	908.33	
. P.	do	908.33	
rthur L.	do	908.33	
acinto D.	do	886.94	
l, Carl.	do	908.33	
. P.	do	691.39	
Vm. W., jr.	Deputy forest ranger, at $900 and $1,080	795.00	
l, Geo. F.	Deputy forest ranger, at $900 and $1,000, and deputy forest supervisor, at $1,400.	794.44	
tthew M.	Deputy forest ranger, at $900 and $1,000, and forest ranger, at $1,200.	883.33	
Wm. F.	do	975.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Chapin, G. B	Deputy forest ranger, at $900, $1,000, and $1,100.	$933.33	
Power, Wm. H	do	922.50	
Begue, Philip	Deputy forest ranger, at $900 and $1,000	708.33	
Christiansen, P	do	866.66	
Davis, Samuel T	do	866.66	
Edgerton, E. S	do	533.33	
Glover, Geo. M	do	611.00	
Hiett, Robt. H	do	866.66	
Kropke, Wm. G	do	866.66	
Lee, Chas. W	do	523.33	
Lewis, P. Y	do	866.66	
McLain, John W	do	322.49	
Miller, Robt. H	do	866.66	
Orr, James O	do	616.66	
Prout, J. H	do	866.66	
Reid, John	do	601.66	
Reyes, Gerard V	do	847.22	
Seaman, James V	do	866.66	
Snyder, Arthur	do	866.66	
Tibbetts, Sewell	do	858.33	$283.15
Wilkinson, Harry	do	866.66	
Wright, E. E	do	866.66	
Alsop, John D	Deputy forest ranger, at $900	392.50	
Busher, Louis	do	300.00	
Caley, Wm. S	do	375.00	
Chandler, Orland	do	425.00	
Ferris, Fred J	do	12.50	
Gray, Wm. W	do	75.00	
Green, Olney O	do	600.00	
Hall, John, jr	do	675.00	
Holland, B. B	do	292.50	
McDerment, Hugh	do	435.00	
Northup, B. L	do	40.00	
Russell, Edw. F	do	357.50	
Scofield, Chas. R	do	150.00	
Slosson, L. M	do	75.00	
Smith, John R	do	807.50	
Williams, D. H	do	600.00	
Bingham, Wm. F	Assistant forest ranger and deputy forest ranger, at $1,000.	666.66	
Kinney, James H	do	369.43	
McCarn, Frank	Assistant forest ranger, at $1,000	44.44	
Peter, Geo. A	do	58.33	
Stockwell, Andrew G	do	750.00	
Hoyt, T. C	Assistant forest ranger, at $900, forest ranger, at $1,400, and forest supervisor, at $1,400 and $1,600.	1,283.33	301.9
Snell, N. E	Assistant forest ranger, at $900, and forest ranger, at $1,400.	921.67	29.10
Grandjean, Emile	Assistant forest ranger, at $900, and forest ranger at $1,300.	991.66	294.70
Rutledge, R. H	Assistant forest ranger, at $900, forest ranger, at $1,200, and forest supervisor, at $1,400.	676.39	
Selkirk, Robt. J	do	995.00	
Snow, Orrin C	do	1,146.66	150.00
Goddard, Wm. H	do	1,055.00	
Hall, Chas. C	Assistant forest ranger, at $900, and forest ranger, at $1,200 and $1,400.	650.00	
Ashlock, N. S	Assistant forest ranger, at $900, and forest ranger, at $1,200.	632.50	
Black, Chas	do	950.00	
Case, John B	do	1,029.17	
Chidsey, T. E	do	650.00	
Gordon, Geo. A	do	950.00	
Holbrook, Wellman	do	950.00	
Hudson, C. W	do	950.00	
Imes, Carl	do	950.00	
Ingram, Guy M	do	558.33	
Lovelace, B. O	do	943.75	68.50
McCoy, William	do	950.00	

FOREST SERVICE—Continued.

t of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington.—Cont'd.			
in, Chas. E.	Assistant forest ranger, at $900, and forest ranger, at $1,200.	$850.00	
, W. S.	do	950.00	
U. C	do	900.00	
Ernest W	do	427.50	
, Henry L	do	850.00	
Foster	do	650.00	
, Cyrus K	do	750.00	
S. F	Assistant forest ranger, at $900, deputy forest ranger, at $1,100, and forest supervisor, at $1,400.	1,021.67	$193.44
er, Chas. A	Assistant forest ranger, at $900, deputy forest ranger, at $1,100, and deputy forest supervisor, at $1,400.	958.33	
, Arthur C	do	908.33	44.70
I. W	Assistant forest ranger, at $900, deputy forest ranger, at $1,100, and forest ranger, at $1,200.	936.39	
arl J	do	578.34	
d. F	Assistant forest ranger, at $900, forest ranger, at $1,100 and $1,200.	937.77	
Geo. H	Assistant forest ranger, at $900, and deputy forest ranger, at $1,100.	858.33	16.65
ow, O. P	do	888.33	
er, Grant	do	908.33	
Joseph F	do	896.11	
Bert	do	880.82	
J. M	do	908.33	
, A. H	do	908.33	
n, Neil	do	908.32	
Wm. D	do	786.65	
enner, J. W	do	908.33	
Lee A	do	666.67	
Samuel E	do	908.33	
eo. E	do	505.00	
n, Harry S	do	633.33	
ester J	do	908.33	
ohn B	do	908.33	
J. W., jr	do	908.33	
son, S. I	do	908.33	
, Lea	do	908.33	
, Dana W	do	833.89	
, James W	do	916.66	
C. J	do	908.33	
d, C. E	do	863.33	14.30
, T. S	do	752.50	
, Robt. A	do	625.56	
omer	do	439.45	
avis B	do	908.33	
, Wm. J	do	905.83	47.75
e, W. H	do	936.67	
ver, Chas. E	do	908.33	17.55
Frank W	do	903.33	
has. L	do	850.27	
Frank T	do	908.33	
eo. C	do	758.89	
Edw	do	697.50	
renter, J	do	834.17	
Thomas	do	908.33	
Wm. E	Assistant forest ranger, at $900, and deputy forest ranger, at $1,080.	900.00	
Wm. H	Assistant forest ranger, at $900; deputy forest ranger, at $1,000, and deputy supervisor, at $1,300.	891.66	
as. W	Assistant forest ranger, at $900; deputy forest ranger, at $1,000, and forest ranger, at $1,200.	897.22	
ss, P. L	do	885.00	7.23
g, S. S	do	916.66	
, A. H	do	993.06	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
McLaren, John	Assistant forest ranger, at $900; deputy forest ranger, at $1,000 and $1,100, and forest ranger, at $1,200.	$960.01	
Blair, Frank A	Assistant forest ranger, at $900, and deputy forest ranger, at $1,000 and $1,100.	950.83	
Mack, Clarence A	do	950.83	
Williams, Chas. E	do	950.83	
Adamson, Jesse W	Assistant forest ranger, at $900, and deputy forest ranger, at $1,000.	866.66	$17.30
Ainger, Fred E	do	866.66	
Alen, Geo. H	do	866.66	
Alexander, Leslie	do	866.66	
Allen, J. H. B	do	866.66	
Allen, S. P	do	866.66	
Alles, Conrad	do	866.66	
Ammon, Junius L	do	715.00	
Antonini, Wm. A	do	864.16	
Baker, Wm. W	do	866.66	
Bennett, James	do	866.66	
Bingham, Cyrus J	do	866.66	
Bish, Edward	do	866.66	
Blankenship, S. A	do	542.51	
Bonner, V. L	do	866.66	
Borum, Wm. W	do	866.66	
Bradley, R. N	do	866.66	
Bradt, Clarence E	do	864.16	
Buchanan, C. E	do	595.27	
Butler, H. M	do	866.66	
Campbell, Wm. A	do	531.66	
Chapson, Elmer E	do	676.66	
Clark, Edw. M	do	795.83	
Clark, Frank N	do	866.66	
Cleaveland, H. A	do	675.83	
Cline, John	do	866.66	
Coleman, Oliver S	do	866.66	
Cooke, J. E	do	866.66	
Crandell, Lemuel D	do	852.78	10.10
Cress, Geo. H	do	866.66	11.00
Crow, George	do	866.66	
Davis, Chas. A	do	866.66	
Davison, Edgar B	do	866.66	
De Groot, Peter	do	866.66	
De Long, James H	do	536.11	
Derrick, Walter J	do	866.66	
Duffy, Bernard J	do	866.66	
Durant, M. J	do	758.33	
Easton, Henry T	do	817.77	
Eveleth, Ralph J	do	866.66	
Farrar, Calvin L	do	851.66	
Fick, Chas. H	do	819.43	
Fishel, E. E	do	866.66	
Fisher, Geo. A	do	866.66	
Fisher, Jerry J	do	866.66	
Fitton, David E	do	733.33	
Forsyth, R. G. H	do	866.66	
Fulford, Marshall	do	721.95	
Graham, Joseph E	do	861.10	
Green, Otto T	do	834.44	
Gribble, Elmer W	do	426.66	
Griffith, Paul F	do	866.66	
Hale, Forest	do	866.66	
Hall, Geo. A	do	851.66	
Hall, Henry C	do	595.55	
Hapner, Albert S	do	866.66	
Harvey, J. Roy	do	405.83	
Hays, Samuel R	do	866.66	
Heavey, Ed. H	do	584.16	
Hettinger, August	do	866.66	
Hicks, Arthur G	do	841.66	
Hoffmann, A. H	do	866.66	8.75

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Vashington—Cont'd.			
'. J.	Assistant forest ranger, at $900, and deputy forest ranger, at $1,000.	$833.33	
Taylor E.	do	888.61	
Theo. T.	do	866.66	
swald H.	do	783.33	
David	do	866.66	
Paul	do	866.66	
a, James	do	866.66	$50.05
red T.	do	866.66	
Frank F.	do	866.66	
d, Wm. G.	do	861.66	
James J.	do	866.66	
y, Lewis N.	do	866.66	
ie, Ray	do	866.66	
rs, H. G.	do	866.66	20.10
resh, Oscar S.	do	866.66	11.00
Ai D.	do	813.66	
J. M.	do	783.33	
harles N.	do	866.66	
ore, E. E.	do	616.66	
S. E.	do	616.66	
t, Geo. H.	do	675.83	
John	do	866.66	
H. W.	do	866.66	
Thomas G.	do	866.66	
E. D.	do	866.66	
David I.	do	866.66	
Fred	do	866.66	
harles G.	do	616.66	
J. J.	do	758.34	
wis R.	do	866.66	
John	do	533.33	
llaine L.	do	866.66	
A. C.	do	616.66	
illard L.	do	848.66	
Frank R.	do	866.66	
Villard L.	do	733.33	
rger, C. W.	do	864.16	
R. S.	do	866.66	
Ambrose	do	866.66	
ose M.	do	866.66	
t. L.	do	405.83	
Truman O.	do	866.66	
Vm. W.	do	866.66	
Vm. Wiley	do	533.33	
A. L.	do	866.66	
B.	do	616.66	
Bert W.	do	866.66	
on, Claude	do	833.33	
od, Robt. N.	do	866.66	
t, Keith A.	do	866.66	
Alva J.	do	866.66	
Frank H.	do	866.66	11.00
homas C.	do	866.66	26.65
Harry E.	do	866.66	
Roy R.	do	866.66	
, Chas. A.	do	866.66	
Ernest	do	866.66	
Audie K.	do	866.66	
Silas W.	do	616.66	
Joseph D.	Assistant forest ranger, at $900 and $1,000	329.44	
Harvey	Assistant forest ranger, at $900	375.00	
Martin H.	do	300.00	
H. F.	do	465.00	
a, J. F.	do	810.00	
a, Lewis H.	do	490.00	
out, E. S.	do	825.00	15.90
Murray	do	60.00	
W. H.	do	825.00	
mes F.	do	825.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Bacon, W. W., jr.	Assistant forest ranger, at $900	$387.50	
Bannister, L. O.	do	777.50	
Barber, Jack R.	do	45.00	
Barnard, John	do	202.50	
Barrows, Albert L.	do	150.00	
Barstow, G. J.	do	345.00	
Bean, Paul T.	do	57.50	
Beard, J. D. F.	do	825.00	
Belknap, Geo. E.	do	242.50	
Berglund, Abel C.	do	817.50	
Bidgood, Claude L.	do	27.50	
Bixby, James L.	do	280.00	
Bond, Ernest C.	do	817.50	
Bondurant, B. F.	do	450.00	
Booth, John R.	do	140.00	
Bourm, Thomas M.	do	585.00	
Bowers, Walter F.	do	270.00	
Brown, C. A.	do	70.00	
Bryant, Cyrus L.	do	597.50	
Bunting, Jay	do	300.00	
Burke, Thomas J.	do	165.00	
Caley, Eugene C.	do	812.50	
Carrington, Enoch	do	300.00	
Chamberlin, Geo. W.	do	400.00	
Clark, Jay C.	do	587.50	
Cleave, Paul	do	22.50	
Clifton, Samuel B.	do	825.00	
Colburn, Brewer A.	do	330.00	
Cole, Geo. A.	do	15.00	
Collins John W.	do	280.00	
Conrad, Howard M.	do	115.00	
Cooper, Lee E.	do	290.00	$16.25
Couch, Edmund	do	35.00	
Coulter, Otto V.	do	22.50	
Cox, Wm. W.	do	780.00	
Crawford, F. W.	do	20.00	
Critchfield, F. H.	do	825.00	
Crow, Glennburn H.	do	90.00	
Cunningham, F. P.	do	75.00	
Darby, Austin E.	do	375.00	
David, John E.	do	150.00	
Davidson, Z. T.	do	825.00	
Decker, Isaac W.	do	825.00	
De la Riva, A. G.	do	825.00	
De Long, Albert H.	do	70.00	
Dewell, Roy D.	do	675.00	
Donaldson, W. A.	do	497.50	
Dorwaldt, R. A. T.	do	125.00	
Dunham, Daniel J.	do	337.50	
Dyke, John	do	300.00	
Evans, Fred E.	do	200.00	
Ferguson, John A.	do	37.50	
Finch, Emery J.	do	750.00	
Finley, Robert	do	40.00	
Fitting, Louis	do	825.00	
Flormann, Hugo C.	do	300.00	
Frausham, Rhesis	do	825.00	
Galbraith, J. F.	do	260.00	
Gardner, Percy	do	600.00	
Garrison, J. S.	do	772.50	
Geduhn, Frank C.	do	825.00	
Gleason, Carl W.	do	825.00	
Goodwin, G. T.	do	132.50	
Gordon, Ralph W.	do	602.50	
Graham, Fred	do	450.00	
Haase, Albert J.	do	525.00	
Haines, Roscoe	do	265.00	
Hanks, Walter E.	do	450.00	
Hardy, Chas. P.	do	825.00	
Harris, A. E.	do	175.00	
Harris, Geo. F.	do	300.00	

FOREST SERVICE—Continued.

)f expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ashington—Cont'd.			
arvey W	Assistant forest ranger, at $900	$225.00	
Edw. F	do	60.00	
Lucas W	do	735.00	
r, Elmer E	do	75.00	
ohn H	do	600.00	
Orlando	do	350.00	
B. C	do	55.00	
n, Sebird	do	825.00	
nry C	do	380.00	
lbert N	do	820.00	$16.70
T	do	240.00	
homas F	do	375.00	
Guy N	do	110.00	
y, Joseph W	do	730.00	
izo D	do	375.00	
le Z	do	825.00	
ndrew C	do	112.50	
lton R	do	115.00	
W	do	307.50	
ohn W	do	365.00	
ohn B	do	97.50	
ux, W. H	do	57.50	
ley C	do	825.00	
as. H	do	167.50	
ulian A	do	322.50	
, F. F	do	300.00	
G., jr	do	190.00	
xel E	do	260.00	
mert H	do	360.00	
n	do	77.50	
ufus H	do	345.00	
Lewis N	do	321.50	
omas	do	767.50	
, M. L	do	107.50	
, Jose, jr	do	225.00	
h, Wm. A	do	750.00	
A. O	do	825.00	
Hugh C	do	200.00	
las L	do	427.50	
iram H	do	225.00	
oseph C	do	347.50	
G	do	102.50	
enjamin	do	297.50	
B. E	do	675.00	
nk L	do	75.00	
rald	do	825.00	
thur R	do	372.50	
rry E	do	220.00	
n. H	do	112.50	
jr	do	562.50	
Otto A	do	495.00	11.45
, Louis H	do	825.00	
Victor H	do	132.50	
H. S	do	83.75	
ster S	do	75.00	
lla C	do	75.00	
Archie	do	200.00	
m. J	do	375.00	
luf G	do	375.00	
s. V	do	386.25	
J., jr	do	300.00	
ord	do	427.50	
Chas. F	do	75.00	
s. H	do	75.00	
Peter G	do	600.00	
ess	do	222.50	
n. H	do	825.00	
R. B	do	825.00	
n	do	750.00	
uel R	do	50.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd			
Price, N. B.	Assistant forest ranger, at $900	$75.00	
Proffitt, S. O.	do	120.00	
Rae, Albert E.	do	300.00	
Rea, Jonathan E.	do	490.00	
Redstone, A. E.	do	635.00	
Reed, Geo. A.	do	795.00	
Reed, James B.	do	375.00	
Rice, John W.	do	825.00	
Richardson, B. R.	do	60.00	
Ridgeway, Roy D.	do	65.00	
Rogers, R. R.	do	296.00	
Root, Geo. E.	do	450.00	
Rose, Hyrum O.	do	300.00	
Rosecrans, Rudolph.	do	525.00	
Ryan, Josephus.	do	75.00	
Ryerson, John W.	do	375.00	
Saunders, Harold J.	do	75.00	
Say, Arthur P.	do	825.00	
See, William.	do	825.00	
Senecal, John B.	do	412.50	
Sevier, Jesse M.	do	825.00	
Shumway, S. B.	do	132.50	
Simons, Wm. E.	do	335.00	
Simpson Jacob.	do	825.00	
Sisney, Porter H.	do	25.00	
Sivertson, J. S.	do	15.00	
Sloan, Thomas W.	do	427.50	
Slosson, S. A.	do	75.00	
Smiley, James W.	do	375.00	
Smith, Byron E.	do	450.00	
Smith, Charles.	do	600.00	
Smith, Edgar W.	do	825.00	
Smith, F. H.	do	75.00	
Smith, Glen A.	do	150.00	
Sobey, Frank P.	do	182.50	
Sparhawk, Frank O.	do	225.00	
Stahl, Edward G.	do	422.50	
Stauchfield, J. G.	do	117.50	
Stevens, Horace H.	do	800.00	
Stewart, John.	do	100.00	
Stewart, Wm. A.	do	337.50	
Stillman, A. Z.	do	32.50	
Stiner, Javan O.	do	300.00	
Stuart, James.	do	337.50	
Sullivan, John.	do	675.00	
Swan, William.	do	600.00	
Swanson, Robt. L.	do	327.50	
Sweitzer, A. L.	do	75.00	
Swift, Theodore.	do	300.00	$150.65
Tanner, Earl B.	do	92.50	
Taylor, Robt. L.	do	50.00	
Thomson, F. S.	do	467.50	
Thompson, Thomas.	do	300.00	
Thorpe, Lucien W.	do	87.50	
Tilghman, Lewis C.	do	487.50	
Trathen, S. P.	do	47.50	
Turnbow, John G.	do	225.00	
Underwood, Chas. H.	do	22.50	
Vance, James D.	do	720.00	
Van Winkle, H. F.	do	75.00	
Wallace, Wm. J.	do	90.00	
Watson, Robt. J.	do	375.00	
Wessel, Louis.	do	357.50	
West, John C.	do	597.50	
Widman, Geo. C.	do	182.50	
Wieke, William.	do	487.50	
Wigal, Elias J.	do	477.50	
Wilcox, Hiram R.	do	115.00	
Williamson, L. D.	do	825.00	
Wood, V. T.	do	750.00	
Woolstenhulme, T. E.	do	62.50	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Vashington—Cont'd.			
n, Louis J	Assistant forest ranger, at $900	$142.50	
J. H	do	60.00	
Fred K	do	225.00	
Carl H	do	600.00	
, Edw. S	do	277.50	
, E. B	do	450.00	
n, Chas. H	Assistant forest ranger, at $840 and $900, and deputy forest ranger, at $1,000.	594.99	
in H	do	596.66	
W	Assistant forest ranger, at $840 and $900	403.67	
ld, A. M	Assistant forest ranger, at $840	331.33	
Ilias H	Assistant forest ranger, at $720, and deputy forest ranger, at $1,100.	628.33	
Warren M	Assistant forest ranger, at $720 and $900, and deputy forest ranger, at $1,000.	468.33	
, Sim E	Assistant forest ranger, at $720 and $900	214.00	
Roland W	do	685.00	
dson T	do	760.00	
sen, T	do	757.50	
John, jr	do	465.00	
Howard H	do	510.00	
s, B. W	do	323.00	
Parley C	do	346.00	
ewis	do	240.00	
s, Dexter B	do	727.00	$8.00
n, W. K	do	390.00	
m. A	do	735.00	
Henry	do	397.50	
John K	do	540.00	
, Henry	Assistant forest ranger, at $720	8.00	
J. D	do	110.00	
s, Harry W	do	22.00	
, H. O	do	240.00	
homas W	do	120.00	
Frank	do	208.00	
thorn, W. H	do	208.00	
N. L	do	10.00	
Ira E	do	150.00	
mes	do	278.00	
Chas. C	do	180.00	
, Chas. C	Forest guard and assistant forest ranger, at $900; deputy forest ranger, at $1,100; and forest ranger, at $1,400.	921.67	
. Carl	Forest guard, at $900; assistant forest ranger, at $900, and deputy forest ranger, at $1,100.	908.33	
R. G	Forest guard and assistant forest ranger, at $900, and deputy forest ranger, at $1,100.	908.33	
Arthur H	do	908.33	
, Frank E	Forest guard, at $900	150.00	
rank E	do	20.00	
ion L	do	40.00	
James M	do	105.00	
ship, E. O	do	150.00	
ship, H. C	do	75.00	
tein, F. L	do	210.00	
. Arthur	do	75.00	
, Lew	do	75.00	
A. J	do	75.00	
lliam	do	75.00	
s A	do	75.00	
B. F	do	75.00	
Wm. H	do	210.00	
, Harry	do	150.00	
Joseph A	do	27.50	27.37
, Chas. L	do	40.00	
Thomas	do	150.00	
nnie W	do	75.00	
R. R	do	75.00	
J. W	do	75.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Fowler, Joseph	Forest guard, at $900	$62.50	
Gallogly, James	....do	72.50	
Gintz, Frank E	....do	132.50	
Harrington, L. C	....do	75.00	
Haston, Warren S	....do	207.50	
Heighe, F. C., jr	....do	135.00	
Hulbert, E. W	....do	142.50	
Hurd, H. L	....do	75.00	
Irvine, C. M	....do	45.00	
Irwin, W. W	....do	15.00	
Kirehner, John	....do	75.00	
Lewis, R. O	....do	140.00	
Lucas, L. E	....do	27.50	
McDaniel, Wm. K	....do	27.50	
Mahu, E. H	....do	32.50	
Manring, W. V	....do	75.00	
Mock, M. A	....do	90.00	
Moore, Stephen A	....do	40.00	
Neal, Clifford E	....do	27.50	
Norton, Geo. A	....do	127.50	
Owens, James T	....do	150.00	
Peterson, Andrew	....do	170.00	
Peterson, Chas. R	....do	75.00	
Phillips, Bert G	....do	75.00	
Porter, G. I	....do	75.00	
Pruitt, Grover C	....do	137.50	
Ranney, Geo. F	....do	150.00	
Rawson, Alvan L	....do	112.50	
Rice, Delmer S	....do	85.00	
Robertson, A. V	....do	150.00	
Rose, Donald M	....do	150.00	
Rose, E. P	....do	62.50	
Schick, Harry C	....do	22.50	
Shannon, Aaron T	....do	77.50	
Shipp, Leslie E	....do	62.50	
Snow, Ellis B	....do	115.00	
Steele, J. W	....do	125.00	
Story, C. W., jr	....do	37.50	
Stuart, F. C	....do	75.00	
Thomas, Wm. L	....do	15.00	
Thompson, B. F	....do	25.00	
Thompson, Robert	....do	35.00	
Tungate, Ira	....do	147.50	
Watson, Chas. E	....do	62.50	
Whitlatch, J. S	....do	187.50	
Wilkerson, Jerry F	....do	10.00	
Woolsey, J. H	....do	17.50	
Wright, Frank H	....do	75.00	
Parker, Rutledge	Forest guard, at $720 and $1.50 per diem	669.00	$73.05
Phipps, James B	Forest guard, at $720 and 50 cents per diem	90.50	
Merrill, W. A	Forest guard, at $720, and assistant forest ranger, at $1,100.	295.00	
Higgins, Chas. G. Y	Forest guard, at $720, assistant forest ranger, at $900, forest ranger, at $1,200, and forest supervisor, at $1,400.	994.16	119.22
Harris, Hugh H	Forest guard, at $720, assistant forest ranger, at $900, and forest ranger, at $1,400.	562.22	
Fay, Walter A	Forest guard, at $720, assistant forest ranger, at $900, and forest ranger, at $1,200.	835.00	
Helfrich, Frank	....do	876.00	
Wickersham, M. A	....do	890.00	
Kavanagh, E. N	Forest guard, at $720, assistant forest ranger, at $900, deputy forest ranger, at $1,100, and forest ranger, at $1,200.	786.66	
Campbell, W. M	Forest guard, at $720, assistant forest ranger, at $900, and deputy forest ranger, at $1,100.	848.33	
Clay, Samuel H	....do	848.33	
Neill, Reuben L	....do	824.33	
Riddle, Wallace M	....do	708.67	
Sullens, J. M	....do	781.67	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
'ashington—Cont'd.			
lw. E	Forest guard, at $720, assistant forest ranger, at $900, and forest ranger, at $1,100.	$823.89	
;van W	do	823.89	
, H. R	Forest guard, at $720, assistant forest ranger, at $900, forest ranger and deputy forest supervisor, at $1,000.	806.66	$176.85
ames D	Forest guard, at $720, assistant forest ranger, at $900, and deputy forest ranger, at $1,000.	806.66	
enry A	do	773.33	56.50
Walter F	do	806.66	
, James O	do	801.66	
Ernest C	do	746.66	
on, H. H	do	806.66	
Wm. S	do	806.66	
C	do	799.66	
Thomas E	do	806.66	
e, T. P	do	773.33	
. H	do	782.99	
ohn	do	542.66	
J. F	do	804.66	
dw. N	do	762.66	1.60
Albert J	Forest guard, at $720, and assistant forest ranger, at $900.	575.00	
, John E	do	615.00	
n. J	do	254.00	
las. A	do	540.00	
Newton G	do	780.00	
las. H	do	752.50	
ce, Geo. A	do	275.00	
Geo. W	do	315.00	
t. A	do	735.00	
, H. W	do	703.00	
rst, Geo. W	do	390.00	
ık, J. P	do	540.00	
Vm. J	do	737.50	
arry L	do	736.50	
o. W	do	761.00	
bt. E	do	165.00	
. J	do	670.00	
S. M	do	680.00	
H. W., jr	do	672.50	
Geo. D	do	735.00	
Thomas	do	243.00	
. C	do	410.00	
, T. T	do	765.00	
R	do	762.50	
, N. C	do	570.00	
rthur B	do	315.00	
Tibo	do	613.00	
Newton	do	755.00	
B. R	do	735.00	
Wm. W	do	761.00	
. L	do	345.00	
as. T	do	765.00	
in T	do	723.00	
W. L	do	325.00	
Hugh M	do	249.50	
lbert A	do	765.00	
C. E	do	569.00	
n F	do	432.50	
rl K	do	765.00	17.85
tto W	do	690.00	
n. B	do	508.50	
Geo. C	do	761.00	
Wm. H	do	765.00	
	do	765.00	
W. A	do	694.00	10.10
ohn R	do	460.00	
t, E. W	do	765.00	
las. E	do	522.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Jewell, James E.	Forest guard, at $720, and assistant forest ranger, at $900.	$121.00	.....
Johnson, G. F.	....do	742.00	.....
Johnson, W. A.	....do	300.50	.....
Jones, John D.	....do	540.00	.....
Journigan, J. M.	....do	765.00	.....
Keltie, Frank P.	....do	366.00	.....
Kerby, David H.	....do	615.00	.....
Layton, A. F.	....do	735.00	.....
Lewis, A. W.	....do	765.00	.....
Libeu, Joseph J.	....do	765.00	.....
McCall, James D.	....do	765.00	.....
McCarthy, F. P.	....do	765.00	.....
McClain, J. Fred.	....do	255.00	.....
McDonald, Robt. W.	....do	472.00	.....
McGhie, Wm. M.	....do	546.50	.....
McNamara, J. A.	....do	735.00	.....
Maxfield, John D.	....do	621.00	.....
May, Thomas O.	....do	765.00	.....
Morgan, Harry N.	....do	765.00	.....
Moya, Marion F.	....do	750.00	.....
Mundell, Lewis J.	....do	751.00	.....
Murray, Ray.	....do	656.00	.....
Olinger, W. S.	....do	213.00	.....
Pattan, A. E.	....do	315.00	.....
Patton, James W.	....do	694.50	$22.95
Pease, M. L.	....do	765.00	.....
Pennock, F. W.	....do	623.00	.....
Peregoy, H. H.	....do	761.00	.....
Pestoni, John B.	....do	352.50	.....
Poore, James F.	....do	735.00	.....
Purtyman, Geo. S.	....do	675.00	.....
Reid, J. W.	....do	765.00	.....
Rice, Frank E.	....do	602.50	.....
Richardson, J. F.	....do	757.50	.....
Rider, Wm. B.	....do	762.50	88.11
Reynolds, T. N.	....do	598.00	.....
Robertson, Mark M.	....do	750.00	.....
Roper, Wm. H.	....do	315.00	.....
Ruth, Thomas B.	....do	765.00	.....
Scherman, J. G.	....do	750.00	.....
Scott, Erle W.	....do	607.00	.....
Shelley, Percy T.	....do	250.00	.....
Schurtz, Josiah.	....do	315.00	.....
Smith, Foster G.	....do	417.50	.....
Snell, Cyrus P.	....do	136.25	.....
Snell, I. P.	....do	717.50	.....
Spaulding, T. C.	....do	741.00	.....
Stark, Wm. T.	....do	315.00	.....
Stephenson, J. B.	....do	750.00	.....
Strong, Edw. K., jr.	....do	353.50	.....
Swallow, Lewis A.	....do	386.00	.....
Thomas, Frank W.	....do	665.00	.....
Thrower, Wm. H.	....do	761.00	.....
Viles, Geo. A.	....do	507.50	.....
Walker, Albert B.	....do	398.00	.....
Westfall, Joel J.	....do	344.00	.....
Whitney, Albert.	....do	458.00	1.80
Willis, Chas. O.	....do	635.00	.....
Wooden, John L.	....do	221.00	.....
Woods, E. A.	....do	285.00	.....
Parker, Thomas H.	Forest guard, at $720 and $900, and assistant forest ranger, at $900.	735.00	.....
Peltz, R. L.	....do	735.00	.....
Shartzer, L. A. J.	....do	735.00	.....
		735.00	18.10
Shoemaker, Theo.	....do	735.00	.....
George, C. L.	Forest guard, at $720, and assistant forest ranger, at $720 and $900.	744.00	.....
Leeper, James W.	....do	652.00	.....
Siebentritt, Geo.	....do	506.00	.....

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
'ashington—Cont'd.			
'has. L.	Forest guard, at $720 and $900	$92.00	
ohn R.	do	162.50	
A. W.	do	388.00	
, R. L.	do	220.50	
Arthur	do	733.00	
'ohn C.	do	706.00	
) E.	do	735.00	$29.60
G.	do	333.00	
W. B.	do	655.00	
E. A.	do	516.00	
ıas. L.	do	583.00	
lin, John	do	210.00	
ert E.	do	700.00	
arry N.	do	272.50	
Villis	do	539.00	
. F.	do	302.50	
nner T.	do	590.00	
ank E.	do	60.00	
R. N.	do	92.00	
'has. A.	do	499.00	
n, Earl	do	120.00	
L. L.	do	60.00	
Guy	do	416.00	
r, I.	do	735.00	
mes P.	do	598.50	
alph R.	do	56.00	
D.	do	404.00	
John C.	do	667.50	
/. T.	do	705.00	
James O.	do	660.00	
d.	do	382.00	
Wm. S.	do	425.50	
ı, T. R.	do	171.00	
o. L.	do	467.00	
, A. O.	do	735.00	
ı. L.	do	645.00	
R. E.	do	120.00	
Fred.	do	477.50	
Louie W.	do	735.00	
rry A.	do	322.00	
C. D.	do	84.00	
n, Chas. C.	do	537.00	
n, Robt.	do	300.00	
omas F.	do	735.00	
rank	Forest guard, at $720 and $840	280.00	
arl L.	Forest guard, at $720	32.00	
, Seth	do	60.00	
h, R. A.	do	238.00	
ver A.	do	60.00	
, H. V.	do	90.00	
, John N.	do	232.00	
, Otis H.	do	240.00	
. A.	do	60.00	
njamin	do	60.00	
ayne S.	do	78.00	
bert	do	410.00	
. L.	do	58.00	
Elmer	do	60.00	
eo. H.	do	192.00	
ı. C.	do	240.00	
Walter S.	do	176.00	
tner, J. E.	do	34.00	
Hiram R.	do	210.00	
ff, A. C.	do	216.00	
;	do	236.00	
ı J.	do	240.00	
ı. J.	do	120.00	
arles E.	do	56.00	
mes E.	do	60.00	
oy	do	28.00	31.50
. M.	do	300.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Briggs, W. A	Forest guard, at $720	$102.00	
Bright, W. A	do	60.00	
Brock, David S	do	258.00	
Brooks, Fred S	do	112.00	
Brown, Albert C	do	660.00	
Brown, Frank S	do	298.00	
Brown, Roscoe J	do	240.00	
Burlingame, Marion	do	58.00	
Bushby, Calvin	do	150.00	
Callahan, Chas	do	300.00	
Campbell. Myron	do	150.00	
Capren, C. A	do	4.00	
Carlon, D. R	do	114.00	
Carr, W. T	do	60.00	
Chamberlain, C. A	do	210.00	
Foster, Charles	do	42.00	
Cheney, Sheldon	do	78.00	
Chidester, J. N	do	240.00	
Childs, Chas R	do	212.00	
Chrisman, Morris	do	300.00	
Cilley, Isaac	do	22.00	
Cochran, J. D	do	180.00	
Congleton, C. S	do	88.00	
Conner, J. F	do	154.00	
Cooper. Fred G	do	226.00	
Cooper, Wm. T	do	60.00	
Coski, Louis	do	276.00	
Crawford, C. L	do	102.00	
Criswell, Harry	do	298.00	
Crossley, H. E	do	160.00	
Cutler, Louis	do	148.00	
Dalley, J. W	do	154.00	
Daniels, C. A	do	260.00	
Davidson, Wm. Q	do	60.00	
Davis, John	do	162.00	
Dawson, V. J	do	150.00	
Dayton, Ben	do	60.00	
Debitt, R. M	do	58.00	
De Forest, Ewing	do	60.00	
Depler, Hugh S	do	194.00	
Dibble, J. F	do	42.00	
Divine, E. S	do	28.00	
Dodge, Wm. L	do	92.00	
Doney, Frank A	do	28.00	
Dorman, J. W	do	210.00	
Douglas, A. E	do	60.00	
Drachbar, F. X	do	60.00	
Durbin, M. S	do	240.00	
Earhart, Frank L	do	250.00	
Easton, Stephen	do	122.00	
Edison, Chas. R	do	194.00	
Edmunds, Louis D	do	22.00	
Ellis, Marvin	do	180.00	
Ellison, Harry H	do	174.00	
Ellsworth, Elmer E	do	32.00	
Emerick, Walter F	do	600.00	
Estes, E. G	do	30.00	
Farnsworth, Benz S	do	210.00	
Fine, James D	do	180.00	
Fitzpatrick, John	do	30.00	
Foley, C. E	do	42.00	
Fortin, Ed. W	do	60 00	
Foster, A. H	do	222.00	
Foster, Paul J	do	175.50	
Foster, Stephen T	do	92.00	
Fraser, J. S	do	88.00	
Freeman, W. A	do	180.00	
Garrett, Wm. X	do	660.00	
Garses, Wm	do	258.00	
Gatlin, A. A	do	114.00	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
'ashington—Cont'd.			
Beacham	Forest guard, at $720	$60.00	.....
ylvester	do	92.00	.....
. Q	do	160.00	.....
. C., jr	do	234.00	.....
Fred W	do	90.00	.....
ohn	do	78.00	.....
. H	do	52.00	.....
Howard	do	76.00	.....
Rees B	do	300.00	.....
D	do	300.00	.....
Lacy	do	16.00	.....
C	do	144.00	.....
Forest F	do	160.00	.....
, C. S	do	126.00	.....
Harry	do	228.00	.....
Frank	do	60.00	.....
William	do	194.00	.....
Frank	do	270.00	.....
and, L. T	do	54.00	.....
ant. D. W	do	220.00	.....
David B	do	138.00	.....
y, M. W	do	32.00	.....
, A. H	do	240.00	.....
, M. A	do	32.00	.....
g, A. E	do	110.00	.....
erry	do	140.00	.....
r, Roy E	do	42.00	.....
s, H. H	do	342.00	.....
n, Geo. E	do	100.00	.....
John W	do	102.00	.....
en S	do	60.00	.....
	do	60.00	.....
M	do	240.00	.....
hilip	do	240.00	.....
James H	do	32.00	.....
Henry	do	142.00	.....
Woodson	do	94.00	.....
Chas. E	do	216.00	.....
J. P	do	192.00	.....
Warren	do	60.00	.....
see	do	240.00	.....
niel K	do	656.00	.....
enry	do	6.00	.....
lva L	do	204.00	.....
H	do	164.00	.....
Wm. H	do	60.00	.....
niel C	do	286.00	.....
A	do	60.00	.....
Moses	do	240.00	.....
Louis	do	104.00	.....
n, M. E	do	300.00	.....
Harry	do	184.00	.....
T. H	do	152.00	.....
yrum	do	144.00	.....
smer	do	46.00	.....
B. R	do	78.00	.....
mas	do	156.00	.....
ert	do	60.00	.....
O. H	do	210.00	.....
V. H	do	270.00	.....
d. W	do	120.00	.....
n, D. A	do	34.00	.....
James W	do	14.00	.....
Arthur R	do	180.00	.....
Frank	do	232.00	.....
bell, J. M	do	150.00	.....
F. S	do	660.00	$20.00
S. S	do	92.00	.....
ess, Henry	do	60.00	.....
Daniel W	do	120.00	.....

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
McNamee, J. J.	Forest guard, at $720	$169.50	
McPheters, Wallace	do	60.00	
Manary, Wallace	do	42.00	
Mapes, Norman	do	176.00	
Martin, William	do	480.00	
Martinez, Daric	do	18.00	
Mathias, R. D	do	60.00	
Meek, Alfred C	do	160.00	
Meservey, R. T	do	660.00	
Miller, George	do	42.00	
Miller, John M	do	28.00	
Mills, Geo. F	do	210.00	
Mitchell, Frank H	do	260.00	
Monahan, Wm	do	240.00	
Moore, Thomas	do	224.00	
Moore, Wm. E	do	92.00	
Morris, Wm. T., jr	do	174.00	
Moss, Roy	do	118.00	
Mortimore, J. P	do	70.00	
Murphy, Dwight	do	552.00	
Murray, Martin A	do	660.00	
Neff, Wm. C	do	240.00	
Nelson, Geo. F	do	210.00	
Newman, Wm. W	do	60.00	
Nibley, Cyrus	do	300.00	
Opalka, John	do	60.00	
Owings, Wm. A	do	60.00	
Park, Earl L	do	120.00	
Parker, Edgar	do	176.00	
Parker, Guy W	do	78.00	
Parker, Wm. F	do	46.00	
Parsons, Hyrum	do	142.00	
Partridge, F. L	do	240.00	
Payne, C. B	do	120.00	
Pearson, Monti	do	660.00	
Peterson, N. E	do	104.00	
Phillips, Horace	do	76.00	
Poe, Wm. A	do	116.00	
Pollock, L. F	do	150.00	
Prall, John W	do	90.00	
Pratt, Orson W	do	300.00	
Price, Archie	do	60.00	
Price, Press S	do	300.00	
Quinn, James E	do	82.00	
Redington, E. J	do	214.00	
Reed, Homer O	do	60.00	
Reedy, Charles	do	264.00	
Rinearson, F. L	do	120.00	
Roach, S. P	do	60.00	
Robinett, Otto T	do	104.00	
Ross, E. C	do	32.00	
Roy, John E	do	34.00	
Ruiz, Manuel	do	88.00	
Rusk, J. B	do	20.00	
Salisbury, Earl	do	164.00	
Sargent, James H	do	92.00	
Scott, J. A	do	98.00	
Sellers, Oliver S	do	18.00	
Shelledy, B. F	do	150.00	
Sieweke, Frederick	do	448.00	
Simons, Clayton	do	184.00	
Sivertson, J. S	do	226.00	
Skougard, Zell M	do	54.00	
Smith, C. E	do	24.00	
Smith, Enos C	do	130.00	
Smith, H. W	do	180.00	
Smith, Solomon	do	12.00	
Snider, H. R	do	102.00	
Snyder, Aaron	do	108.00	
Sooysmith, K. C	do	240.00	

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
South, D. F.	Forest guard, at $720	$60.00	.....
Spence, G. J.	....do	60.00	.....
Stead, W. R.	....do	170.00	.....
Steele, James	....do	170.00	.....
Stevens, Philip	....do	212.00	.....
Stewart, Edw. P.	....do	60.00	.....
Stokes, James J.	....do	6.00	.....
Strodtbeck, C. A.	....do	56.00	.....
Sullivan, C. F.	....do	300.00	.....
Sutton, Luther W.	....do	56.00	.....
Swank, James F.	....do	332.00	.....
Taylor, Ed.	....do	370.00	.....
Taylor, James	....do	30.00	.....
Taylor, P. A.	....do	56.00	.....
Theurer, D. O.	....do	538.00	.....
Thomas, B. M.	....do	230.00	.....
Thompson, Louis E.	....do	137.00	.....
Towle, Carroll W.	....do	214.00	.....
Tripp, Louis J.	....do	60.00	.....
Uhlman, Fred	....do	102.00	.....
Vandeburgh, Peter	....do	124.00	.....
Van Dusen, H. H.	....do	226.00	.....
Van Meter, D. L.	....do	28.00	.....
Viles, H. C.	....do	120.00	.....
von Welker, C. W.	....do	210.00	.....
Voss, Ralph G.	....do	240.00	.....
Walker, E. R.	....do	178.00	.....
Walker, L. C.	....do	240.00	.....
Wallace, N. W.	....do	228.00	.....
Warden, W. E.	....do	240.00	.....
Waugh, Harry	....do	180.00	.....
Welty, James W.	....do	176.00	.....
West, Charles	....do	40.00	.....
Wheatley, J. C.	....do	660.00	.....
White, C. E.	....do	660.00	.....
Wight, James	....do	164.00	.....
Williamson, T. H.	....do	66.00	.....
Wilson, Henry G.	....do	60.00	.....
Winters, J. L.	....do	210.00	.....
Witter, Berry S.	....do	180.00	.....
Woolley, H. E.	....do	12.00	.....
Wright, Wm. A.	....do	50.00	.....
Yates, Ora E.	....do	430.00	.....
Yerkes, H. B.	....do	432.00	.....
Young, Henry C.	....do	240.00	.....
Zwemer, John A.	....do	480.00	.....
de Canavarro, Geo.	Forest guard, at $480	73.33	.....
Moore, Walter M.	....do	80.00	.....
Peterson, Eric	....do	6.67	.....
Rockwell, F. I.	....do	80.00	.....
Bird, David	Forest guard, at $35 per month	28.00	.....
Gould, H. R.	Forest guard, at $300	125.00	.....
Dahlquist, Wm. A.	Forest guard, at $12 per annum	2.00	.....
Imes, Richard P.	Forest assistant, at $1,500 and $1.25 per diem	1,793.75	$63.80
Maule, Wm. M.	Forest assistant, at $1,500 and 50 cents per diem.	416.00	.....
Clement, Geo. E.	Forest assistant, at $1,400 and $1.25 per diem	930.00	207.30
Woolsey, Theo. S., jr	Forest assistant, at $1,300 and $1.50 per diem, and assistant forest inspector, at $1,300.	1,267.83	.....
Smith, C. G.	Forest assistant, at $1,300 and $1.25 per diem	1,610.41	27.70
Ringland, A. C.	Forest assistant, at $1,200 and $1.50 per diem	424.50	.....
Waha, A. O.	Forest assistant, at $1,200 and $1.50 per diem, and forest inspector, at $1,200.	1,491.33	.....
Brown, H. J.	Forest assistant, at $1,200 and $1.25 per diem, and at $1,200 and $1.50 per diem.	1,518.75	125.88
Buck, C. J.	Forest assistant, at $1,200 and $1.25 per diem	830.00	.....
Cecil, Geo. H.	....do	1,242.50	.....
Morrill, Walter J.	....do	691.25	.....
Pratt, Merritt B.	....do	1,443.12	.....
Ramskill, J. H.	....do	1,518.75	172.63

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Silcox, F. A	Forest assistant, at $1,200 and $1.25 per diem, and assistant forest inspector, at $1,200.	$397.50	
Barton, J. Earle	Forest assistant, at $1,100 and $1.25 per diem	1,418.47	$128.86
Foster, Harold D	do	780.00	
Rebmann, Jeremiah	do	854.44	
Woodbury, T. D	do	1,050.00	
Hadley, Walter B	Forest assistant, at $1,100	275.00	
Mast, Wm. H	do	275.00	
Allison, John H	Forest assistant, at $1,000 and $1.50 per diem	1,350.72	
Burrall, H. D	do	1,347.21	127.55
Read, Arthur D	do	1,350.72	
Smith, M., jr	do	1,260.97	139.70
Drake, Willard M	Forest assistant, at $1,000 and $1.25 per diem, and at $1,000 and $1.50 per diem.	1,295.14	
Studley, Horace F	do	791.39	
Bruins, J. F	Forest assistant, at $1,000 and $1.25 per diem	1,270.97	
Coolidge, Philip T	do	951.81	
Flory, Chas. H	do	1,138.06	
Fromme, Rudo L	do	1,265.97	
Hammatt, R. F	do	865.69	
Kinney, David G	do	1,092.50	
Kirkland, Burt P	do	1,024.30	
Morrell, Fred W	do	1,268.47	
Powers, Allan R	do	1,335.41	174.25
Skeels, Dorr	do	904.72	
Stickney, M. N	do	1,312.64	130.10
White, W. W	do	1,270.97	
Clifford, Edw. C	Forest assistant, at $1,000	250.00	
Cohoon, Anson E	Forest assistant, at $900 and $1.25 per diem and at $1,000 and $1.25 per diem.	1,285.41	
Dunston, C. E	Forest assistant, at $900 and $1.25 per diem	1,181.25	
Hackley, Roy C	Forest assistant, at $900 and $1.25 per diem	346.25	110.75
d'Allemand, B. R. H	Forest planting assistant, at $800	200.00	
Besley, La Moree	do	157.77	
Muzzall, H. C	do	200.00	
Turner, Harry C	do	133.33	
Bradish, W. N	Forest agent, at $900 and at $1,200	925.00	248.30
Bliler, H. A	Forest agent, at $900 and at $1,000	858.33	458.16
Tompkins, Frank	Forest agent, at $800 and at $1,000	799.99	290.82
Parnay, S. Y	Expert, at $900	150.00	
Dahl, Arthur L	Clerk, at $1,200	800.00	
Humeston, S. J	Clerk, stenographer, and typewriter, at $1,200	36.67	
Campbell, Robt. L	Clerk, at $1,000 and at $1,200	603.34	
Agee, Fred B	Clerk, stenographer, and typewriter, at $1,000 and $1 per diem.	461.89	
Dilley, James W	Clerk, bookkeeper, at $1,000	5.56	77.00
Haynie, Frank	Clerk, at $1,000	250.00	
Montgomery, E. F	do	833.33	
O'Brien, Geo. W	do	122.22	
Marr, Arthur N	Clerk, stenographer, and typewriter, at $1,000	127.77	58.40
Bembry, B. W	Clerk, at $900 and at $1,200	950.00	90.96
Buck, Shirley	Clerk, at $900 and at $1,000	466.11	
Steward, Luther	do	866.66	17.70
Butler, Jas. P	Clerk, at $900	160.00	
Humphrey, P. N	do	765.00	
Bennett, Bertha	Clerk, at $75 per month	60.00	
Collins, T. J	Clerk, stenographer, and typewriter, at $900	75.00	
Conant, J. W	do	75.00	
Fitzgerald, T. E	do	127.50	
Johnson, B. F	do	255.00	
Porter, Harry W	do	300.00	
Thomson, John	do	57.50	
Wilson, Frances	do	165.00	
Porter F. C	Clerk, at $720 and at $900	735.00	
Stout, John D	Clerk, at $720	14.00	
Cope, Mabel G	Clerk, stenographer, and typewriter, at $720	150.00	
Miller, Wm. J	Clerk, at $600	100.00	
Slosson, Edna E	Clerk, at $300	42.50	
Total		705,061.86	

FOREST SERVICE—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

Name.	Amount.	Name.	Amount.
cellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Con.	
A. J	$32.70	Carter, W. H	$12.75
A. James	18.00	Catron & Elliott	7.19
John E	12.84	Chapman, S. W	.50
N. P. & Rachel	10.80	Chavez, Gabino	.80
James P	1.60	Chavez, Marcus	20.62
. L	2.86	Chavez, Silviano	1.78
live	2.00	Christiana, J. R	.10
Chas. D	1.20	Christensen, J. W	4.00
George M	.25	Clark, D. Walter	8.00
Henry T	1.75	Clark, Fred S	7.50
len	.84	Clark, W. L	.60
nnie E	.38	Clark & Campbell	5.00
ary	.54	Cole, James E	16.50
A	17.26	Cook, D. W	9.00
a Copper Mining Co	50.00	Cook, George A	50.00
, A. E	5.44	Cook, Geo. E	13.50
, A H	4.86	Cook, J. F	5.25
, A. W	154.00	Cook, Lester	5.25
, Carl	17.13	Cook, Thos	13.50
, Hugh	9.00	Cook, Warren E	19.00
, jr., Jas	5.70	Cook, W. W	4.50
, sr., Jas	5.72	Cox, J. H	.34
, John A	5.44	Crandell, Joseph D	25.00
, J. P	22.50	Crawford, J. B	34.00
, M. G	39.75	Creager, J. G	1.00
, P. P	.39	Crooked River Mining and Milling Co	167.00
, Sarah A	31.05	Curtis, Asa	2.48
and and Cattle Co., The	6.25	Cutshall, W. M	1.50
fanuel	1.50	Dahl, Niels N	1.78
, Chris	.75	Dalley, J. B	.60
Manufacturing Co	50.00	Darrah, H. W	*224.52
.Geo. K	20.00	Davenport, Jno. B	.60
enton R	27.50	Davis, E. W	50.00
M	43.75	Davis, O. P	1.20
ght and Power Co	58.00	De Baca, Pacifico C	.60
. F., postmaster, Washing- C	70.00	DeLong, Albert	.90
t, James C	.45	DeLong, Ralph	.45
A. W	60.00	Deming, Katherine	1.00
aniel M	.80	Dickey, Edward	50.00
, Oliver	2.00	Dittol, Phil. S	28.60
arry J	75.00	Droubay, Paul	25.00
ohn R	3.20	Duffield, E. H	10.00
. C	17.25	Duke, J. O	77.13
nes	17.25	Dunbar, J. M	24.00
V	50.00	Dunbar & Johnson	50.00
. Thornton	435.46	Dunn, Richard	10.56
ion T	5.52	Eastwood, W. A	2.25
R. A	23.00	Edgmand, T. K	.30
	10.60	Edmunds, Thomas	1.00
. S	455.00	Edwards, J. W	2.00
Cunningham	25.18	Elmore, J. J	1.20
feet Milling Co	12,500.00	Empire Gold Mining Co	81.13
es	.20	Ercanbrack, W. W., and Lewis, T. J.	25.00
d, A. B	2.70	Estrada, E	90.00
d, E. L	7.19	Eubanks, Sam. B	28.75
ros., G. W	5.40	Eureka Lumber Co	2,000.00
illiam J	11.89	Evans, David W	.60
farry	.20	Evans, Matthew W	.90
I. C	3.00	Evans, S. S., Reynolds, A. H., and Osenbaugh, Allen	50.00
sse	3.75	Farnworth, Brigham	1.08
G	50.00	Ferguson, W. P	32.00
n, T. R	3.72	Fife, Mrs. Joseph S	1.00
Eliza	.25	Findlay, A. D	150.00
V. C	10.50	Fitzgerald, A. R	9.60
S	5.70	Fitzgerald, R. R	.25
ohn H	32.70	Ford, John	5.00
eo. H	550.00	Fox, George H	1.00
enry J	10.36	Fuller, J. H	45.85
evin	50.50	Fuller, Wm	.55
David	1.20	Futrell, E. T	25.00
J. M	60.00	Gallegos, Juan Francisco	31.60
Joseph L	2.25	Gannett, C. P	100.00
allace	21.78	Garcia, Jesus Maria	.15
C	12.08	Gila Lumber Co	1,550.00
yrum	12.75	Giles Lumber and Shingle Co	200.00
uben	2.28		

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Glenn, Conwell	$5.20	Larsen, Andrew	26.26
Goble, George L	30.00	Lebert, John J., et. al	50.00
Gooldy, Penn L	20.00	Lee, John W	5.55
Gould, Mary Ann	8.70	Lee, Thomas R	2.90
Green & Mortensen	1.50	Le Fevre, W. D	.75
Griego, Regino	1.87	Leyba, Manuel	4.35
Griffith, D. M	27.15	Litch & Anderson	118.30
Hackett, Nelson	258.24	Little, Andrew	150.00
Haines, Roscoe	75.00	Livingston, A. D	4.05
Haley, Ben	170.00	Lopez, Mike	14.00
Haley, Ora B	111.00	Lopez, Raymond	14.00
Hamar, David	3.00	Lowe, George A	.75
Hamman, D. W	75.00	Lowry, Lawrence	2.85
Hamon, W. S	26.00	Luke, B. F	.60
Hanson, John F	100.00	McCully, F. D	50.00
Hanson, N. P. and John	.63	McFarland, S. J	4.27
Harrison, J. W	63.25	McGaughey, Geo	.90
Hart, Anthony	4.00	McHuron, W. A	50.00
Hawke, John S	2.50	Madrid, Jose Leandro	1.85
Haycock, Thos	.75	Madsen, George G	4.80
Heber Land and Live Stock Co	175.00	Maez, Faustin & Bro	1.00
Heckle, F. H	3.00	Martien, C. H	.10
Hellinga, Henry	50.00	Martin, F. C	6.00
Henderson, John H	1.50	Martin, Samuel	61.60
Henry, L. B	26.00	Martinez, Aurelius	28.74
Henry, William	100.00	Martinez, Jose E	12.84
Hernandez, B. C	73.00	Martinez, Juan Luis	7.00
Heywood, David L	.75	Martinez, J. B. F	.80
Higginson, J. and Laura M	12.00	Martinez, Librado	4.75
Higgs & Son, T. J	112.60	Martinez, Manuel	1.05
Hoffman, John	1.90	Martinez, Silbano	15.55
Hoffman & Allen	50.00	Martinez & Co., Adelaide	5.00
Holman, James I	3.70	Mecham, Ephraim L	10.00
Holman, Parley T	.50	Mestas, Francisco A	10.44
Holman, Robt. R	2.90	Millard, W. B	404.80
Hopkins, Joseph J	164.30	Monahan & Reynolds	2.64
Hosfelt, Chas	.92	Monforton, Henry	2.70
Hough, J. P	3.68	Montgomery & Koren	150.00
Houston, James	.90	Moore, Allen T	59.40
Houston, Margaret	3.00	More, Jay	.25
Howells, B. P	3.00	Morgan, C. W	17.82
Huntsman, Henry H	20.00	Morgan, J. E	17.82
Huston, William	40.58	Morris & Jullen	429.50
Hutchinson, sr., Thos	2.85	Mortensen, Saml. C	.60
Hyde, Julia	.72	Murray, Archie J	1.00
Hyde, Sarah E	1.26	Murray, Florence	1.05
Hyatt, H. S	.90	Murray, Joe	16.86
Ingram, John E	32.70	Nelson, A. G	4.96
Ivory Land and Live Stock Co., The E	11.20	Nichols, W. H	75.00
Jaquez, Juan Ty	.40	Nielson, Ole	4.55
Jayne Bros	232.00	Nielson, Oliver	3.00
Jensen, A. L	2.16	Nielson, Peter S	2.30
Jensen, K. M	1.00	Nielson, Swen O	5.70
Jensen, S. M	2.28	Noel, Arthur	5.63
Johnson, Alex	100.00	North Fork Cattle Co	3.12
Johnson, C. L	4.37	Norton, J. R	1.00
Johnson, G. F	2.85	Nuttall, Joseph B	4.85
Johnson, H. T	4.56	Oakden, Charles T	100.00
Johnson, S. H	11.60	Ogle & Huffman Land and Live Stock Co	30.00
Johnson, jr., W. H	.46	Olson, John	4.05
Johnston, A. J	35.00	Oman, A. G	1.00
Jones, Albert and Henry	3.00	Oman, Marinda Peel	1.55
Jones, Frederick	.15	O'Neill, Jesse	81.00
Jones, Richard	175.00	Orme, Abraham	5.14
Jones, Thomas J	1.20	Orme, Thomas	4.94
Justesen, Chas	1.78	Orme, W. G	5.14
Justesen, Rasmus	5.72	Osborne, William	3.44
Kane Brothers	250.00	Ostler, Geo. O	19.50
Klenzle, William	11.45	Ostler, J. E	24.12
Kilburn, Wilson	700.00	Ostler, J. S	75.12
King, J. B	38.00	Overstreet, John E	10.00
King, John E	.75	Pace, Wilard	2.00
King & Peterson	155.00	Pagosa Lumber Co	50.00
Kinser, R. J	20.30	Palmer, J. H	1.00
Lake Shore Land and Live Stock Co	78.70	Palmer, Wm. J	50.10
Lamoreaux, David A	1.20	Pendleton, Wm. C	.30
Lane Lumber Co. (Limited)	67.44	Pendleton, Wm. H	.60
Larsen, Alex	.52		

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of Forest Reserves, $708,361"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Peters, P. G	$5.00
Peterson, Jas. C	5.70
Peterson & Larsen	3.00
Pettey, George A	5.00
Pinkgam, G. B. & Hamilton, E. R	.40
Pinson, J. J	34.00
Pitman, A. S	20.50
Poston, Frank J	10.00
Poston, Low J	10.00
Potter, J. A	1.56
Poulson, Maggie	.60
Powell, William	50.00
Prince, Joseph O	.45
Proctor, James V	.45
Proctor & Son, Mary E	.75
Prothers, John H	.30
Quickert, P. A	25.00
Randall, W. J	31.90
Rasmussen, Ephraim	.25
Rees, Henry D	15.00
Reese, Charles A	.25
Richards, Miss Olive	.30
Riches, W. R	19.05
Riddle, T. S	6.25
Robb, Samuel	.45
Robertson, D. A	3.60
Robertson, Edwin	4.56
Robertson, George	4.58
Robertson, James	5.14
Robinson, Hyrum	.30
Robinson, Jas. C., jr	8.00
Robinson, R. A	32.70
Rockport Shingle Co	100.00
Roland, William	43.93
Roobol, P	7.50
Rose, W. H	10.40
Rule, J. H	2.00
Salazar, Antonio	2.00
Salmon, Jocob	.80
Sauchez & Bro., Francisco	3.00
Sauchez, Louis M	.60
Scheloske, J. H	50.00
Schmidt, Wm. J	53.00
Scott, O. L	500.00
Seeley, J. H	10.44
Seely, J. W., jr	3.28
Seely, J. W., sr	5.14
Seely, Wm. J	2.81
Sevy, J. L	.55
Seward, Edwin B	.10
Sharp, J. T	6.25
Shelton, F. M	.50
Sheperd, Cedaressa C	30.00
Shoeb, W. S	1.00
Showalter, James B	50.36
Smith, C. E	3.20
Smith, Charles W	164.68
Smith, H. K	31.50
Smith, J. J	50.00
Smith & Ockey	4.80
Smyth, A. C. & R. W	3.60
Snider, H. R	12.00
Snively, Hugh E	.30
Snow, G. E	4.70
Snow, Joseph S	3.64
Sparks-Harrell Co., The	3.00
Sperry, W. H	4.28
Springston Lumber Co	284.48
Stack-Gibbs Lumber Co	745.38
Stanfield, Fred & Jno	52.50
Stanislaus Electric Power Co	326.66
Stark, G. L. R	.25
State of California	8,183.61
State of Colorado	12,526.45
State of Idaho	6,520.57
State of Kansas	102.01
State of Montana	$5,767.90
State of Nebraska	790.37
State of Nevada	24.00
State of South Dakota	3,595.36
State of Utah	9,003.50
State of Washington	1,922.23
State of Wyoming	6,777.95
Story, E. L	5.00
Stubbs, Wm. M	.75
Sutton, S. H	.62
Sweet, J. E	34.00
Sylvester, Joseph	4.50
Talbot, Wm. R., sr	1.05
Tanner, E	2.00
Territory of Arizona	7,940.50
Territory of New Mexico	4,672.70
Thacker, Charles E	13.74
Thompson, Fred	1.38
Thompson, Jacob	29.50
Thompson, T. C	5.72
Thompson, Thomas H	2.50
Titsworth, Geo. A	2.25
Topham, J. R	.60
Topham & Co., Simon T	3.00
Tucker, J. S	7.00
Turnbull, Thomas	50.25
Tyler, A	20.00
Uhlman, Fred	14.00
Uinta Indians, The	5,720.00
Valdez, Francisco	6.00
Van Wagonen, Wilford	1,000.00
Vickers, C. L	6.00
Walker, Edwin	.75
Wall, D. S	5.00
Wall, Isaac O	3.57
Walter, Edward C	.40
Warnock, F. W	50.00
Wayman, W. M	295.10
West, A. E	10.00
Weston, Roy	50.00
White, Dudley	4.00
Whiting, E. M. and E. I	1.42
Whitman, Loyd	54.40
Whittemore Land and Live Stock Co., W. B	23.00
Whittier, A. N	539.70
Wiese, Fred	4.37
Wilberg, Carl	5.00
Wilcox & Clayton	450.00
Wilder & Lee	48.50
Williams, Albert H	.15
Williams, C. W	4.00
Wilson, Albert	25.00
Wood, J. B	6.00
Wood, W. E	2.70
Wood, Wm. H	200.00
Young, E. J	120.00
Yreka Journal	14.30
Zarlenge, Charles	25.00
Total (including refunds)	106,432.38
Refunds included in above:	
Refunds to States and Territories $67,827.15	
Refund to the Uinta Indians 5,720.00	
Refunds to depositors (excess deposits) 32,551.86	
	106,099.01
Net amount paid for miscellaneous supplies, etc	333.37
Travel and station and field expenses.	
Langville, W. A	2,260.73

Total amount of appropriation allotted to fiscal year 1907	$786,361.00
Total expenditures under above groups	707,655.96
Unexpended balance	78,705.04

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of the National Forests, 1907 and 1908 $125,000."

Name.	Amount.
Stationery.	
San Luis Implement Co	$4.00
Strain Bros	2.00
Total	6.00
Miscellaneous supplies, etc.	
Alires, Hilario	25.23
Anaconda Copper Mining Co	45.09
Anderson, Andrew	33.75
Anderson Lumber and Hardware Co.	2.90
Andrus, W. J	5.00
Ayers, Frank	18.00
Ayers & Co., Geo. V	23.50
Bagley Meat and Grocery Co	9.35
Bannard, A. U	21.10
Bargery, John	12.25
Beamish, W. H	42.50
Belarde, Donaciano	4.00
Berry, jr., Charley H	10.00
Brennan Bros	13.35
Brundage & McGinnis	10.31
Carlson, J. H	19.25
Clingan Sign Service	5.00
Cody Trading Co	20.35
Corbett, W. J	19.60
Cornwall, Ervin	12.25
Cox, W. S	18.23
Cramer Bros	42.70
Decker, M. C	18.00
Duran, Blas	10.66
Edson Bros	51.69
Ehret, F. M	36.00
Eversoll, G. L	16.00
Fisher Lumber Co	29.45
Fowlks, J. W	5.00
Franey, John	47.10
Garcia, Alejo	11.00
Garlock, T. V	8.50
Garren & Strange	16.20
Gehring, F. J	174.59
Gilliam & Bisbee	16.90
Gilmore & Boren	28.00
Goebel, W. H	74.39
Gonzales, P. A	4.00
Gonzales, Santiago	20.00
Green, Alonzo	5.25
Hanson, Chris	30.50
Harlan, J. A	22.50
Harvey, H. A	4.00
Heller, Mrs. Marie	6.00
Hill, August	2.75
Hoehn, Theodore	82.00
Huffman, L. A	102.00
Hutton, A. P	37.10
Ihrig, Henry C	6.50
Ilfeld Co., Chas	248.93
Johnson, Richard	23.75
Kouts, Leo	45.00
Lake, Edwin	1.75
Lane, C. B	12.38
Lane & Slack	68.40
Lee, Chas	1.06
Livingston Art and Decorative Co	4.50
Loomis, A. J	3.00
Lost River Commercial Co	7.00
McGhie, Birt	13.12
McGhie, Calvin	4.37
Madsen Hardware and Furntiure Co.	41.62
Martinez, Manuel	8.00
Martinez, Ruperto	7.50
Maudlin, M. L	11.25
Miller, Chas	4.80
Miller-Cahoon Co	36.25
Montoya, Andre	9.38
Morgan, Samuel	40.50
Morris, C. N	10.00
Murray Lumber Co	31.58
Miscellaneous supplies, etc.—Cont'd.	
Naranjo, Elias	$5.50
Nicholson, Joseph M	22.97
Palace Meat Market	119.04
Pioneer Mercantile Co. (Limited)	7.35
Rasmussen, Delias	12.25
Rasmussen, Edward	5.00
Rasmussen, Frank	10.50
Romero Mercantile Co	118.87
Salazar, Pacomio	8.25
Salinas Valley Lumber Co	20.00
Salt Lake Hardware Co	10.00
San Luis Implement Co	35.35
Savage, William D	14.30
Shaffer, Frank E	120.00
Shoemaker, Fred	27.00
Short, Frank J	20.31
Shurtleff, Benjamin	14.00
Sinsheimer Bros	5.00
Slocum, A. M	12.25
Smith, Reuben	12.25
Smith Bros. Lumber Co	18.50
Solano, Gupertino	23.41
Solano, Juan	19.79
Stearns, J. H	22.80
Strain Bros	45.75
Swenning, Mrs. Olive Cornell	50.00
Thompson, C. J	16.95
Thompson Falls Mercantile Co	7.45
Thorne, A., jr	40.00
Thorum, Orland	7.00
Tucson Lumber Co	114.56
Ungricht, Orson	7.00
Utah Independent Telephone Co	16.21
Vigil, Florencio	10.00
Voorhees, I. R	7.50
Wall, John P	9.66
Wallop-Moncreiffe Lumber Co	16.00
Warnock, Fred (Heppner Gazette)	9.50
Watrous, Henry R	24.37
Welch & Titsworth	125.03
Wellsville Cooperative Mercantile Co.	10.03
Western Mercantile Co	6.65
Total	3,128.30
Furniture.	
Chuning, R. L	6.00
Davis, Ike M	27.15
Lost River Commercial Co	25.07
Thompson Falls Mercantile Co	7.50
Total	65.72
Fuel.	
Anderson Lumber and Hardware Co.	5.95
Freight.	
El Paso and Southwestern System	64.45
Telephone.	
Gartetz & Sons, H. B	3.95
Rocky Mountain Bell Telephone Co	40.80
Total	44.75
Rent.	
Borrowdale, W. M	15.00
Brown, William J	25.00
Carter, Theodore W	45.00
Chamberlain, George A	15.00
Conklin, Arthur	12.00
Crocker & Co., J	7.50

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Administration, etc., of the National Forests, 1907 and 1908, $125,000"—Cont'd.

Name.	Amount.
Rent—Continued.	
Dillingham, Leslie E	$7.26
First National Bank, Missoula, Mont.	7.50
Fraternal Hall Association	7.40
Hefferlin, C. S	15.00
Holck, C. F	12.55
Johnson & Smith	20.00
Kaseman, George A	25.00
Kohrs, Conrad	15.00
Lake, Edwin	7.00
McDougall, James H	16.00
Maddock, E. C	12.50
Marsters, A. C	30.00
Pierse, Allen	15.00
Piskorski, Joseph	20.00
Pratt, Paul D	9.00
Salina Meat and Supply Co	6.50
Steward, George	25.00
Walker Bros. Dry Goods Co	18.38
Williams Drug Co	10.00
Total	398.59
Gas and electricity.	
Quarles & Quarles	6.00
Travel and station and field expenses.	
Anderson, Milton J	$29.05
Barnett, David	71.50
Bentz, George G	8.00
Britten, Ernest	26.85
Brown, H. J	7.35
Cecil, Geo. H	18.35
Chidsey, Thomas E	2.80
Clark, Willard W	52.60
Cooley, Charles F	3.75
Davis, L. G	7.90
Travel and station and field expenses—Continued.	
Elliott, M. B	$169.88
Fenn, F. A	53.20
Fitton, David E	3.69
Goddard, W. H	19.45
Hadley, Walter B	416.80
Harris, Hugh H	58.35
Herring, W. E	139.44
Hinderer, Chas. H	41.25
Hurst, Wm	9.79
Joy, F. E	68.10
Kerr, John	33.10
Kinney, David G	19.20
Kinney, James H	44.10
Koch, Elers	59.00
McMillan, Ross	13.55
Mains, Guy B	48.35
Mainwaring, E. S	12.90
Marshall, D. S	61.35
Montgomery, E. F	19.60
Nelson, Jesse W	138.24
Parnay, Serope Y	31.00
Reed, F. W	49.50
Rodgers, Robert A	13.90
Sheller, D. B	191.00
Smith, John F	13.05
Snell, Nathan E	32.80
Snow, Orrin C	18.80
Steel, Foster	104.60
Thurston, H. W	58.69
Todd, Ira E	10.60
Wedemeyer, Jno. T	170.70
Willson, Roscoe G	24.05
Woods, Clarence N	28.25
Woolsey, T. S., jr	89.02
Total	2,493.45

Total amount of appropriation	$125,000.00
Total expenditures under above groups	6,213.21
Unexpended balance	118,786.79

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cooperative work, Forest Investigations, $17,608."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Record, S. J	Forest assistant, at $1,300, and chief of reconnaisance management, at $1,600.	$349.99	$695.39
Scott, Chas. A	Forest assistant, at $1,300	108.33	158.80
Bristol, H. S	Expert, at $1,200	200.00	.....
Mackaye, Benton	Forest assistant, at $1,200	200.00	146.21
Nelson, J. M., jr	.....do	400.00	672.44
Sterrett, W. D	.....do	100.00	142.40
Swan, O. T	Forest assistant, at $1,100	1,008.33	722.62
Bradfield, Wesley	Forest assistant, at $1,000	250.00	186.61
Humphrey, C. J	.....do	663.89	278.37
Kempfer, W. H	.....do	913.89	581.27
Peck, A. S	.....do	99.99	156.15
Patton, F. M	Assistant forest expert, at $400	33.33	.....
Preston, John F	Forest student, at $300	25.00	.....
Tucker, H. L	.....do	23.33	.....
Total		4,376.08	.....

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cooperative work, Forest Investigations, $17,608."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Con.	
Abbott, W. L.	$38.23	Whitney, Chester N.	$46.00
Arios, A.	12.90	Winthrop, H. R.	50.72
Baker Iron Works.	225.00	Woodward, Guy K.	48.00
Barrett Manufacturing Co.	490.26		
Benita, C.	34.90	Total (including refunds).	3,463.26
Blandy, Graham F.	42.25	Refunds to contributors (unexpended balances).	1,039.63
Blue Mountain Forest Association.	14.00		
Bridgeport Hydraulic Co.	75.00	Net amount paid for miscellaneous supplies, etc.	2,423.63
Cobb, Edward S.	75.00		
Cortez, M.	12.80	*Express.*	
Duran, B.	26.90		
Edison Electric Co.	35.50	Wells, Fargo & Co.	27.60
Figeroa, R.	24.10		
Foot's Transfer	17.50	*Travel and station and field expenses.*	
Garcia, M.	11.30		
Garcloe, D.	14.40	Bard, Geo. Philip.	$53.19
Gaztas, S.	34.90	Benedict, J. St. J.	53.09
Gimenz, B.	11.40	Bond, Jay F.	179.35
Keystone Coal and Coke Co.	38.95	Bradfield, Wesley.	186.61
Knight, Richard.	33.22	Bryant, R. C.	66.11
Labala, A.	12.90	Detwiler, S. B.	20.80
Lamino, Hill.	25.70	Eastman, H. B.	806.04
Langley, Ralph W.	125.00	Feagan, C. E.	303.00
Lonia, R.	11.20	Flintham, S. J.	6.60
Martinez, A.	30 80	Hartley, H. D.	150.00
Martinez, C.	25 60	Holmes, J. S.	101 58
Martinez, M.	12.90	Humphrey, C. J.	278 37
Mendoza, G.	27.30	Jensen, M. C.	301.13
Mendoza, L.	28.90	Kempfer, W. H.	581.27
Montezuma Copper Co.	145.77	Lyford, Chas. A.	46 21
Mota, B.	25.10	Mackaye, Benton.	146 21
Pacific Creosoting Co.	25.00	Mattoon, W. R.	40.60
Pacific Light and Power Co.	618.32	Myers, George Hewitt.	17.30
Parra, N.	2.30	Nelson, John M., jr.	672.44
Parvilla, L.	13.00	Oakleaf, Howard B.	43.99
Parvilla, Y.	10.60	Patterson, A. B.	7.60
Pennsylvania R. R. Co.	35.44	Paul, H. A.	958.47
Quesada, A.	12.90	Peavy, Geo. W.	77.50
Quesada, V.	12.90	Peck, A. S.	156.15
Ria, A.	44.50	Pierson, Albert H.	16.11
Ria, C.	44.50	Record, Samuel J.	695.39
Rios, F.	12.90	Scott, Chas. A.	158.80
Rios, Y.	12.90	Sherlesee, W. F.	330.53
Rodriges, C.	12.90	Smith, C. Stowell.	86.19
San Joaquin Light and Power Co.	24.75	Spring, S. N.	70.12
Santiago Farmers' Association.	10.00	Sterrett, W. D.	142.40
Sesnaios, R.	24.10	Swan, O. T.	722.62
Vertain, F.	16.00	von Bayer, W. H.	18.45
Southern Pacific Co.	70.00	Weiss, Howard F.	337.69
Speh, Carl.	20.00	Wheaton, Walter R.	905.54
Temescal Water Co.	59.95		
Tyler, R. T.	3.20	Total.	8,746.36
Union Metallic Cartridge Co.	12.43		
Union Pacific R. R. Co.	232.87		
Weyerhaeuser Timber Co.	247.60		

Total amount of appropriation allotted to fiscal year 1907.	$17,608.00
Total expenditures under above groups.	15,573.67
Unexpended balance.	2,034.33
Repayment to credit of appropriation.	1.25
Net unexpended balance.	2,035.58

FOREST SERVICE—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908, $25,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Ashe, Wm. W	Forest assistant, at $1,200	$50.00	$152.27
Hall, Wm. L	Assistant forester, at $2,700 and $3,000	475.00	99.60
Total		525.00	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908, $25,000."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Travel and station and field expenses*—Continued.	
Pullman, E. J	$35.00	Hall, Wm. L	$99.60
Travel and station and field expenses.		Varela, A. G	45.27
Ashe, W. W	152.27	Total	297.14

Total amount of appropriation	$25,000.00
Total expenditures under above groups	857.14
Unexpended balance	24,142.86

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Wichita Forest and Game Preserve, 1907, $15,000."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Cont'd.	
Benbow-Horton Hardware Co	$520.00	Gurley, J. M	$36.00
Block-Miller Hardware Co	100.00	Total	656.00

Total amount of appropriation	$15,000
Total expenditures under above group	656
Unexpended balance	14,344

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Gurley, John M	Constructing fences, yards, sheds, gates, and flood gates.	$14,343.00

FOREST SERVICE—Continued.

RECAPITULATION.

Statutory salaries	$112,138.16
Lump-fund salaries:	
In Washington	259,657.88
Outside of Washington	817,199.89
Stationery	27,224.26
Miscellaneous supplies and services, equipment, books, machinery, etc	175,282.19
Furniture	17,134.08
Fuel	539.21
Freight	1,085.79
Express	3,312.58
Telegraph	3,847.91
Telephone	1,472.77
Rent	28,675.88
Gas and electricity	471.94
Apparatus, instruments, and laboratory material	15,336.77
Printing and binding	29,984.25
Travel and station and field expenses	153,802.74
Total for entire Forest Service	1,677,160.00
Total of all appropriations	1,968,969.00
Total expenditures under above groups	1,677,160.90
Unexpended balance	291,808.61
Repayments to credit of appropriations	135.47
Net unexpended balance	291,943.46
Balance under appropriations "Administration, etc., of Forest Reserves" and "Cooperative work, forest investigation," available until used $80,740.62	
Balance under appropriations "Administration, etc., of the national forests, 1907 and 1908," and "Survey and report on Appalachian and White Mountain Watersheds, 1907 and 1908," available in fiscal year 1908 142,929.65	
	223,670.27
Balance (September 30, 1907)	68,273.21
Outstanding liabilities (estimated)	57,545.37
Balance to be turned back into Treasury (estimated)	10,727.84

PROJECTS.

The principal projects conducted by the Forest Service during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Administration:		
Forester and associate forester—		
Salaries	$14,050.00	
Travel and other expenses	4,117.34	
		$18,167.34
Branch of grazing—		
Salaries	3,205.83	
Travel and other expenses	1,590.75	
		4,796.58
Branch of silviculture—		
Salaries	2,293.33	
Travel and other expenses	936.75	
		3,230.08
Branch of products—		
Salaries	2,025.00	
Travel and other expenses	635.85	
		2,660.85
Branch of operation—		
Salaries	3,125.00	
Travel and other expenses	312.02	
		3,437.02
Supervision:		
Office of dendrology—		
Salaries	3,800.00	
Travel and other expenses	1,030.94	
		4,830.94

Supervision—Continued.		
Office of extension—		
Salaries	$3,396.33	
Travel and other expenses	1,376.12	
		$4,772.45
Office of silvics—		
Salaries	2,109.45	
Travel and other expenses	545.17	
		2,654.62
Office of management—		
Salaries	4,216.67	
Travel and other expenses	2,096.19	
		6,312.86
Office of wood utilization—		
Salaries	2,733.34	
Travel and other expenses	766.73	
		3,500.07
Section of wood chemistry—Salaries		2,499.58
Section of wood uses—		
Salaries	1,662.79	
Travel and other expenses	25.00	
		1,687.79
Office of wood preservation—Salaries		2.608.34
Office of publication—		
Salaries	3,208.33	
Travel and other expenses	812.03	
		4,020.36
Office of organization—		
Salaries	8,546.26	
Travel and other expenses	3,882.45	
		12,428.71
Office of lands—Salaries		692.22
Office of engineering—		
Salaries	1,644.72	
Travel and other expenses	940.34	
		2,585.06
Office of accounts—Salaries		2,041.67
Office of maintenance—Salaries		1,717.00
Forest law:		
Salaries	6,465.28	
Travel and other expenses	2,627.93	
		9,093.21
Dendrological studies:		
Salaries	4,555.00	
Field, travel, and station expenses	3,185.55	
		7,740.55
Forest information:		
Salaries	750.00	
Travel and other expenses	145.06	
		895.06
Forest inspection:		
General—		
Salaries	21,429.23	
Travel and other expenses	17,207.90	
		38,637.13
Planting—		
Salaries	2,112.50	
Travel and other expenses	638.48	
		2,750.98
Wood products—		
Salaries	1,350.00	
Travel and other expenses	1,481.93	
		2,831.93
Appalachian study:		
Salaries	1,165.83	
Travel and other expenses	868.79	
		2,034.62

Control of grazing: Salaries		$4,808.33
Development of grazing:		
Salaries	$4,198.83	
Travel and other expenses	2,513.51	
		6,712.34
Forest planting:		
Experimental stations and general supervision—		
Salaries	14,336.56	
Field, travel, and station expenses	22,598.92	
		36,935.48
Preliminary studies:		
Forest planting—		
Salaries	342.34	
Traveling and other expenses	114.86	
		457.20
Working plans—		
Salaries	380.01	
Traveling and other expenses	624.76	
		1,004.77
Cooperative work:		
Forest planting—		
Salaries	5,326.62	
Field and travel expenses	3,660.04	
		8 986.66
Forest management—		
Salaries	10,203.86	
Field and travel expenses	5,807.67	
		16,011.53
Forest products—Salaries and expenses (paid entirely from contributions)		12,195.12
Fire lines on National Forests (paid entirely from contributions)		1,781.66
Silvical studies:		
Salaries	$703.34	
Field and travel expenses	561.32	
		1,264.66
Forest library: Salaries		3,784.06
Silvical compilation: Salaries		471.50
Permanent sample plots:		
Salaries	$3,203.49	
Field, travel, and station expenses	1,861.29	
		5,064.78
Logging supervision—National Forests:		
Salaries	45,391.62	
Field and travel expenses	28,226.05	
		73,617.67
Forest atlas:		
Salaries	1,454.45	
Travel and other expenses	291.00	
		1,745.45
Wood chemistry studies:		
Extracts and distillates—		
Salaries	1,150.50	
Field, travel, and station expenses	1,104.06	
		2,254.56
Analyses—		
Salaries	862.50	
Field and station expenses	1,643.19	
		2,505.69
Wood pulp—		
Salaries	1,300.00	
Field and station expenses	4,396.32	
		5,696.32
Special studies of wood uses:		
Salaries	4,945.82	
Travel, field, and station expenses	3,390.27	
		8,336.09

Timber-testing experiments:		
Salaries	$14,075.83	
Travel, field, and station expenses	7,656.06	
		$21,731.89
Compilation of statistics:		
Forest products—		
Salaries	2,408.33	
Travel and other expenses	552.80	
		2,961.13
Forest computations:		
Salaries	12,238.16	
Travel expenses	321.83	
		12,559.99
Drafting of forest maps: Salaries		23,630.60
Wood-preservation studies and experiments:		
Wood under ground—		
Salaries	3,433.34	
Travel and other expenses	1,084.25	
		4,517.59
Wood in water—		
Salaries	1,100.00	
Travel and other expenses	428.67	
		1,528.67
Wood above ground—		
Salaries	5,309.50	
Travel and other expenses	3,493.57	
		8 803.07
Publication of results, forest investigations:		
Salaries—		
Preparation of articles	1,800.00	
Editorial review	1,266.67	
Distribution	1,300.00	
Proof reading, etc	1,600.00	
Printing, bulletins, circulars, etc	41,516.96	
		47,483.63
Educational addresses, etc.:		
Salaries	1,508.74	
Travel and other expenses	1,169.97	
		2,678.71
Administration and protection of National Forests:		
Salaries of supervisors, rangers, and guards	850,994.17	
Travel, field, and station expenses	179,102.66	
		1,030,096.83
Forest boundary, surveys, and reports:		
Salaries	24,121.16	
Travel and field expenses	24,807.47	
		48,928.63
Examinations of mining claims: Travel expenses		3,219.47
Examinations of land titles, National Forests: Salaries		913.32
Examinations of homestead claims, National Forests: Salaries		878.33
Examinations of applications for use of National Forests: Salaries		8,132.77
Examinations of land claims, National Forests: Salaries		8,932.22
Supervision of permanent improvement work on National Forests:		
Salaries	$633.94	
Travel and other expenses	876.72	
		1,510.66
Wichita Forest and Game Preserve		14,999.00
Accounting work:		
Receipts—Salaries	$5,215.56	
Auditing and disbursing—Salaries	10,498.61	
Bookkeeping and accounting statistics—Salaries	8,556.13	
		24,270.30
Stenography and typewriting: General salaries		21,719.27
Mail distribution: Salaries		1,920.00
Files and mailing lists: Salaries		15,303.83

Photographic work:		
Salaries	$5,921.33	
Equipment	240.74	
Supplies	4,181.65	
		$10,343.72
Quarters:		
Salaries of watchmen, messengers, etc	16,358.42	
Rent of buildings in Washington	19,555.49	
Maintenance and supplies	3,227.68	
		39,141.59
Supplies:		
Salaries—		
Purchase	1,400.00	
Care and distribution	6,608.29	
		8,008.29
Purchase—		
Office furniture and equipment	34,417.72	
Stationery and expendable supplies	31,406.11	
Camp and field equipment and supplies	20,713.02	
Field instruments	18,945.82	
Law books	498.70	
		105,981.38
Telephone messages		668.52
Telegrams		3,847.91
Freight charges		1,047.29
Express		3,500.00
Advertising timber sales, etc		3,800.00
Total for administrative purposes (including all liabilities for fiscal year 1907)		1,825,319.50
Payments for appropriations as follows:		
Salaries, Forest Service, 1907 (to September 30, 1907)		112,133.16
General expenses, Forest Service, 1907 (to September 30, 1907)		834,071.85
Administration, etc., of Forest Reserves (to June 30, 1907)		707,655.96
Administration, etc., of the National Forests, 1907 and 1908 (to June 30, 1907)		6,213.21
Cooperative work, forest investigations (to June 30, 1907)		15,573.67
Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908 (to June 30, 1907)		857.14
Wichita Forest and Game Preserve, 1907 (to September 30, 1907)		656.00
Total payments		1,677,160.99
Repayments to credit of appropriations		135.47
Net total of payments		1,677,025.52
Outstanding liabilities September 30, 1907, appropriations "General expenses, Forest Service, 1907," and "Wichita Forest and Game Preserve, 1907" (estimated)		57,545.37
Outstanding liabilities, June 30, 1907, on account of allotments for fiscal year 1907 from appropriations "Administration, etc., of Forest Reserves," "Administration, etc., of the National Forests, 1907 and 1908," "Cooperative work, forest investigations," and "Survey and report on Appalachian and White Mountain watersheds, 1907 and 1908" (estimated)		90,748.61
		1,825,319.50

BUREAU OF CHEMISTRY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Chemistry, 1907, $28,260."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Wiley, H. W	Chief of Bureau, at $3,500	$3,500.00	$649.96
Read, M. T	Chief clerk, at $1,600	1,600.00	
Eckman, Ethel	Clerk, class 2	1,400.00	
Pierce, A. L	....do	1,400.00	
Linton, Fred B	Property clerk, at $1,600	1,600.00	
Anglin, Stella F	Clerk, class 1	1,100.00	
Baker, Alice L	....do	1,200.00	
Parkinson, Nellie A	....do	1,200.00	
Dallas, Marie L	Clerk, at $1,000	994.45	
Duvall, Louise	Library clerk, at $900	312.50	
Taylor, Mary W	....do	37.50	
Waters, Caroline E	....do	470.00	
Strong, Jacob	Assistant property clerk, at $900	900.00	
Moore, Mary D	Clerk, at $840	840.00	
Lind, Herman	....do	583.33	9.25
Nordeman, Agnes M	....do	256.67	
Simmons, Marion T	Clerk, at $720	666.00	
Nordeman, Agnes M	....do	500.00	
Shipe, Laura F	....do	220.00	
Paulson, Fannie E	....do	568.00	
Angelo, O. P	Engineer, at $1,200	413.33	
Riggles, Thomas	....do	450.00	
Gautt, J. E. M	Messenger, at $840	840.00	
Johnson, Martin A	....do	840.00	
Chick, Thomas	Skilled laborer, at $720	720.00	127.57
Dugan, Mary A	....do	720.00	
Guasp, Ignacio	....do	180.00	
Sindall, Harry E	....do	144.00	
Brown, Horace	Skilled laborer, at $600	600.00	
Moffitt, Archie W	Fireman, at $600	600.00	
Gerard, Missouri	Messenger and laborer, at $480	480.00	
George, Sadie A	....do	480.00	
Ryon, Lillie	....do	480.00	
Cohen, J	Messenger or laborer, at $420	105.00	
Guasp, Ignacio	....do	315.00	
De Atley, Phoebe	....do	140.00	
Schwier, Julia R	....do	247.34	

Total amount of appropriation	$28,260.00
Total amount paid for salaries	27,103.12
Unexpended balance	1,156.88

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Bigelow, W. D	Assistant chemist, at $3,000	$3,000.00	$679.32
Haywood, Jno. K	Chief, miscellaneous laboratory, at $2,500	2,500.00	394.32
Kebler, Lyman F	Chief, drug laboratory, at $2,500	2,500.00	218.98
Browne, Chas. A	Chief, sugar laboratory, at $2,000	1,950.01	43.94
Chace, Edw. McK	Assistant chief, food division, at $2,000	2,000.00	28.80
Moore, C. C	Chief, plant analysis laboratory, at $2,000	1,794.43	103.10
Howard, Burton J	Chief, microscopical chemical laboratory, at $1,800.	1,800.00	3.64
Patrick, Geo. E	Chief, dairy laboratory, at $2,000	2,000.00	28.23
Veitch, Fletcher P	Chief, leather and paper laboratory, at $2,000	2,000.00	67.90
Pennington, Mary E	Bacteriological chemist, at $7.25 per diem	35.16	342.40
Stiles, Geo. W., jr	Bacteriological chemist, at $1,600 and $1,800	1,750.00	101.98

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Cont'd.			
Le Clerc, J. Arthur	Assistant chemist, at $1,800	$1,800.00	$228.17
Bryan, A. Hugh	Assistant chemist, at $1,600	533.34	
Smither, Fredk. W	do	533.34	27.90
Boughton, F. W	Assistant chemist, at $1,400	241.12	
McNell, Hiram C	Assistant chemist, at $1,200	286.67	
Poppe, Theodore F	do	93.33	90.40
Gould, Ralph A	Food inspection chemist, at $1,800	1,050.00	256.22
Berkley, Wm. N	Food inspection chemist, at $1,600	195.55	
Skinner, Wm. W	do	1,600.00	
Chamberlain, J. S	Physiological chemist, at $2,000	83.33	
Cook, F. C	Physiological chemist, at $1,400, $1,600, and $1,800.	1,550.00	61.60
Walker, Percy H	Assayer, at $1,600, and chief, contract division, at $2,000.	1,783.34	62.60
Seidell, Atherton	Analyst, at $1,400	707.78	7.80
Trescott, T. C	Scientific assistant, at $2,250	2,250.00	
Du Bois, Wilbur L	Scientific assistant, at $1,600	1,600.00	3.70
Gore, Herbert C	do	1,600.00	210.84
Weber, Fredk C	Scientific assistant, at $1,600, and physiological chemist, at $2,000.	1,700.00	
Boyle, Martin	Scientific assistant, at $1,400	1,400.00	
Given, Arthur	do	668.89	153.30
Warner, H. J	Scientific assistant, at $1,400 and $1,600	1,500.00	
Amoss, Harold L	Scientific assistant, at $1,200	350.00	
Church, C. G	do	1,200.00	426.20
Hoover, George W	do	1,200.00	103.05
Parker, Chas. F	Scientific assistant, at $1,200 and $1,400	1,283.34	
Schulz, Henry L	Scientific assistant, at $1,200	1,200.00	
Taylor, Mary W	do	1,150.00	
Bailey, Lorin H	Scientific assistant, at $1,000	436.11	
Dodge, Cleon O	do	405.56	
Donk, Marion G	Scientific assistant, at $1,000 and $1,200	1,100.00	9.25
Holland, Herbert J	Scientific assistant, at $1,000	583.33	108.45
Keister, John T	Scientific assistant, at $1,000 and $1,200	1,100.00	
Leavitt, Sherman	do	1,100.00	
Murray, A. G	Scientific assistant, at $1,000	19.44	
Schreiber, J. H. A	Scientific assistant, at $1,000 and $1,200	1,100.00	
Smith, Wm. B	Scientific assistant, at $1,000	161.11	
Albrech, M. C	Scientific assistant, at $840 and $1,200	791.33	43.14
Goodrich, Chas. E	Scientific assistant, at $840 and $1,000	920.00	
Lichti, Emmet I	Scientific assistant, at $840	280.00	
McClelland, Byron	do	693.00	
Merrill, Frank D	do	163.33	8.95
Young, Wm. J	do	420.00	
Doyle, Aida M	Chemical aid, at $1,400	1,400.00	
Grayson, Mary C	Chemical clerk, at $1,000	1,000.00	
McDonnell, Curtis C	Scientific aid, at $1,600	444.44	
Sammet, C. Frank	Expert, at $1,400	54.44	
Breazeale, Jas. F	Laboratory assistant, at $1,600	400.00	
Burnet, Wallace C	Laboratory assistant, at $1,200	1,200.00	1.00
Divine, John P	Laboratory helper, at $840 and $1,000	920.00	
Houghton, Harry W	Laboratory helper, at $720, and scientific assistant, at $840 and $1,200.	451.34	
Cory, Robert M	Laboratory helper, at $600	161.67	
Darby, Samuel P	do	176.67	
Goldsberry T. R	do	400.00	
Hill, David H	do	201.67	
Hume, Thaddeus S	do	473.33	
Mathis, Walter R	do	143.33	
O'Brien, Thomas	do	245.00	
Porter, C. F. T	do	476.67	
Reid, Edward O	do	175.00	
Sherwood, F. Sidney	Laboratory helper, at $600 and $720	660.00	
Sindall, Harry E	Laboratory helper, at $600	180.00	
Smoot, Chas. C	do	485.00	4.20
Walton, George P	do	15.00	
Wilson, C. P	Laboratory helper, at $600 and $840	710.34	64.73
Wise, Frank H	Laboratory helper, at $600	323.33	
Williams, John	Laboratory helper, at $480	480.00	
Straughn, M. N	Special agent, at $1,600	533.33	
White, Herbert	Special agent, at $50 per month	26.67	

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Cont'd.			
Wiley, M. H	Collaborator, at $300, and special agent, at $1,200.	$294.17	$72.60
Coleman, J. G	Clerk, at $1,000	500.00	
Warder, Nannie	Clerk, at $900	17.50	
Phillips, Cecelia D	Clerk, at $840	70.00	
Cassiday, May A	Clerk, at $720	360.00	
Farquhar, Faith	do	34.00	
Sanderlin, Georgia	do	32.00	
Heckman, Nettie S	Clerk, at $600 and $720	354.33	
Orten, Warren S., jr	Clerk, at $600	76.67	
Olson, Herman E	Bookkeeper, at $900	300.00	
Thompson, Nellie L	Stenographer and typewriter, at $60 per month.	60.00	
Blackowski, V	Painter, at $3.50 per diem	168.00	
Breen, John	do	7.00	
Charles, Arthur	do	14.00	
Davis, Fritz C	do	308.00	
Davis, George A	do	87.50	
Gossage, Harry C	do	95.38	
Jones, Frederick T	do	240.63	
Smith, Andrew J	do	70.00	
Been, George	Carpenter, at $3.50 per diem	504.00	
Inglehart, Thos. G	do	290.00	
Naylor, Franklin P	do	416.50	
Richardson, C. L	do	108.50	
Sands, John K	Plumber, at $4 per diem	200.00	
Hofman, John	Plumber's helper, at $50 per month	86.67	
Haley, George W	Engineer, at $3 per diem	261.00	
Carter, Wm. R	Unskilled laborer, at $600 and $660	630.00	
Robinson, Henry	Unskilled laborer, at $1.50 per diem	78.00	
Thomas, Garfield	Unskilled laborer, at $1.50 per diem and $540 per annum.	453.00	
Harris, Rickson T	Janitor, at $1.50 per diem	4.50	
Cohen, Joseph	Messenger boy, at $360	93.00	
Campbell, A. J., jr	Messenger boy, at $300	100.00	
Sherfy, Robert E	do	23.33	
Brodie, Annie	Charwoman, at $380	57.33	
Grigsby, Georgia	Charwoman, at $20 per month	2.00	
Total		76,297.58	
Out of Washington.			
Doolittle, R. E	Food inspection chemist, at $2,500	$1,458.33	$172.76
Ogden, A. W	Food inspection chemist, at $2,000	1,166.66	
Clark, Edmund	Food inspection chemist, at $1,600	933.33	
Brinton, Clement S	Food inspection chemist, at $1,400	816.66	38.32
Frost, Howard V	do	816.66	83.51
Pennington, Mary E	Bacteriological chemist, at $7.25 per diem, and $1.15 per hour.	1,538.06	
Hesse, Bernhard C	Expert, at $250 per month	1,833.33	
Pettit, J. H	Expert, at $5 per diem	50.00	
Street, J. P	do	50.00	
Winton, A. L	do	50.00	270.00
Woll, F. W	do	50.00	
Woodman, A. G	Scientific assistant, at $6 per diem	306.00	
Smith, B. H	Scientific assistant, at $1,800	1,050.00	115.90
Harrison, C. W	Scientific assistant, at $1,600	933.33	97.05
Seeker, A. F	do	933.33	
Woodruff, F. O	Scientific assistant, at $1,000 and $1,200	591.66	
White, B. R	Chemical clerk, at $1,000	583.33	
McNamara, L. C	Laboratory helper, at $720	420.00	
Bender, Wm. A	Laboratory helper, at $600, and scientific assistant, at $840.	378.01	
Burnett, L. B	Laboratory helper, at $50 per month	350.00	
Danziger, Nathan	do	51.66	
Foster, Wm. W	Laboratory helper, at $600	146.67	
Gamble, Fred G	do	43.33	
Gay, Francis	Laboratory helper, at $50 per month	141.67	
Gersdorff, C. E. F	Laboratory helper, at $600	350.00	
Tasker, Wm	do	350.00	

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Sadd, L. E	Laboratory apprentice, at $60 per month	$420.00	
Barnard, H. E	Special agent, at $10 per diem	100.00	$65.75
Fisher, Richard	do	110.00	87.81
Fulmer, Elton	do	270.00	226.40
Jenkins, Edward H	do	105.00	99.85
Scovell, Melville A	do	120.00	48.75
Weber, H. A	do	90.00	57.10
White, A. H	Special agent, at $7 per diem	62.00	
St. John, E. Q	Special agent, at $5 per diem	743.22	
Alwood, Wm. B	Special agent, at $100 per month, and bacteriological chemist, at $2,000 per annum.	1,470.00	343.45
Frear, Wm	Special agent, at $100 per month	1,200.00	118.91
Straughn, M. N	do	73.33	
Bitting, A. W	Special agent, at $55 per month	385.00	169.80
Walls, Edgar P	Special agent, at $50 per month	50.00	111.7
Wahl, Robert	Special agent, at $25 per month	300.00	
Betts, Helen M. P	Artist, at $1.50 per hour	71.63	
Alwood, Nellie S	Collaborator, at $10 per month	29.00	
Johnson, Henry	Messenger boy, at $2 per diem	12.00	
Total		21,003.20	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920."

Name.	Amount.	Name.	Amount.
Stationery.		*Miscellaneous supplies, etc.*—Con.	
Andrews Paper Co., R. P	$73.76	American Automatic Disinfectant Co	$7.20
Ballantyne, R. Carter	65.62	American Can Co	4.60
Ballantyne & Son, Wm	16.20	American Gas Furnace Co	9.70
Collins, Jeff	4.20	American Ice Co	24.05
Contingent expenses	96.18	American Mercantile Co	1.00
District of Columbia Paper Co	15.90	American Shipping Co	.50
Eagle Pencil Co	11.24	Amerman & Patterson	1.38
Gaylord Bros	2.15	Anchor Lamp Co	8.16
Lamb & Tilden	4.00	Anderson & Co., P. E	1.97
Law Reporter Printing Co	1.00	Arbuckle Bros	10.00
Library Bureau	198.69	Austin, Nichols & Co	41.47
Lincoln, Fred S	9.09	Baird & Tatlock (Limited), London	20.77
Lindemever, Philip	15.00	Balch, Bailey & Co	1.00
Monarch Typewriter Co	1.70	Bankmann, Richard	58.90
Morrison Paper Co., E	24.50	Barber & Ross	108.00
Newman, E. S	1.75	Barclay, Clements Co	2.35
Parker, D. Frank	85.35	Bartlett Co., Stephen L	16.20
Schmidt, Fred A	.98	Bates Manufacturing Co	.80
Students Cooperative Society	13.75	Batjer & Co	.85
Swayze, Bailey & Co	1.25	Becker, C	1.00
Swayze, W. L	687.76	Becker & Co., Chas	31.53
Union Envelope Co	12.76	Benson, C. L	9.96
United States Envelope Co	300.55	Bentley Co., Geo. Wm	4.96
Yawman & Erbe Manufacturing Co	199.62	Betz, Ernest	7.80
Remington Typewriter Co	12.25	Biglin, Bernard	1.28
Total	1,855.25	Blache & Co., O. C	1.33
Miscellaneous supplies, etc.		Blakiston's Son & Co., P	67.10
		Booth & Co., A	.18
		Boston Gear Works	5.91
Acker, Mervall & Condit Co	8.87	Bothwell, James	1.05
Agesto, Andrea	.33	Bouche, Paul	1.16
Ahlbrecht, A. L	1.68	Bowkes & Co. (Incorporated), E. A	.24
Alberene Stone Co	27.00	Boyle, W. V	60.00
Allen, Mitchell & Co	1.50	Bravo, Samuel B. H	6.00
Allen Manufacturing Co., W. D	10.90	Brown Co., Paul Taylor	.80

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Buchey & Co., J. J	$0.35	Grubnan, Carl	$0.75
Bunnell, J. H. & Co	9.00	Haller Wall Paper Co	1.00
Burton, Daniel	13.75	Hannagan, Mary A	5.87
Burton, R. C. M	26.84	Hansen & Dickmann	1.53
Bush & Co. (Incorporated, W. J)	5.55	Harrison Bros. & Co.,(Incorporated)	20.92
Capital Paper Box Co	27.60	Hayden, H. F	20.00
Capital Traction Co	35.00	Hayes & Co., J. A	34.66
Carl, Frederick	35.40	Hazard & Co., E. C	1.27
Carleton & Moffat	.32	Hedley, Thos. A	.66
Central Electric Co	47.50	Heine & Co	.75
Central Laboratory Supply Co	6.25	Hellman Oil Co	1.40
Chamberlain Metal Weatherstrip Co	.60	Herbst Brothers	.35
Church & Stephenson	381.78	Hermitage Olive Oil Co	.30
Clarke & Co., John	.45	Hess, Jacob P	4.20
Cobb, Bates & Yerxa Co	.66	Hickerson, H. C	15.00
Cadman & Hall Co	3.96	Hobson & Son, M. F	14.00
Collins, J. Ross	22.59	Hollcroft, C. E	4.20
Conkey & Co., John A	.74	Holt, Geo. H	1.20
Continental Forwarding Co	.50	Holtz & Freystedt Co	.72
Copeland Co., M. G	4.76	Hoover & Denham	366.05
Cordley & Hayes	11.25	Horch, C. M	.35
Cornwell & Sons, G. G	73.84	Horner, Jas. B	2.25
Cotton, James S	.75	Harris, Chas. R	1.72
Cowsill, Arthur	506.72	Houpt, D. F	4.33
Crown Distilleries Co	.55	Hovey & Co., C. F	1.22
Crupper, Joseph L	6.05	Hurdle, Edward, estate of	4.00
Curtice Brothers Co	111.60	Independent Ice Co	21.26
Dagrimo & Co., J. R	1.05	International Forwarding Co	5.57
Deering, Charles	1.52	Janney & Co., (Incorporated), B. L. jr	2.96
Deforth Bros	4.28	Javins & Sons, C. H	12.10
Delapenha & Co., R. U	42.09	Jevne & Co., C	2.59
Dennery, Charles	12.17	Johnson, Axel	7.68
Dennison Manufacturing Co	4.25	Johnson, Albert L	20.74
Devine, Richard	1.33	Johnson, George	6.50
Dexter, Gordon	6.00	Johnson, Griffith L	350.00
Dimock & Fink Co	52.98	Joyce Engraving Co., M	1.50
Dodge & Olcott Co	4.93	Jung, L. E	10.00
Douglas, W. H	1.95	Kann Sons & Co., S	28.40
Downing, Judge & Co	1.23	Keasby & Mattison Co	38.09
Dubler, Herman	1.08	Keith Son & Co., Walter H	.63
Dulin & Martin Co	16.63	Kellogg & Son, H	6.99
Du Perow, M	111.62	Kellogg Switchboard and Supply Co	17.50
Dyer, Wm. H	6.00	Kemm, Theodore	.50
Eastern Drug Co	.62	Kendall, J. B	1.00
Eitel Brothers	.53	Killian Co., Geo. P	25.00
Ellett, Edwin E	165.00	Kirkman & Vale	1.22
Elliott Company	20.00	Koernicke, Annie I	4.75
Elliott & Co., James	130.56	Kohnstamm & Co., H	6.21
Ellis & Co., John F	1.50	Lacy, C. T	25.00
Ergood & Co., J. C	42.18	Lake Kenka Vintage Co	2.03
Espey, John P	55.44	Lake Ontario Wine Co	2.60
Estler & Son, T. W	106.71	La Manna, Azema & Farnan	25.15
Evans Sons, Lescher & Webb Lein	.50	Lamb & Tilden	1.50
Fawcett, estate of J. W	3.75	Lambie Co., (Incorporated), Jas. B	43.41
Feidt & Co., Geo. D	3.04	Lansburgh & Bro	5.86
Fisk, W. H	1.00	Lauber, Carl F	4.35
Flagg & Co., D. F	.83	Leeming & Co., Thos	3.75
Fleck Bros. Co	26.77	Leggett & Co., T. H	5.14
Freda, Gioconda	.38	Lehn & Fink	3.14
Fremery & Co., James de	.77	Lisner, A	10.20
Fritch & Son, Geo. T	7.26	Longhi & Co., Emilio	.32
Fritzsche Bros	.80	Lowry & Bro., Alfred	.42
Gaertner & Co., Wm	1.02	Lucus & Co., Jno	2.50
Gaudolfi & Co., L	.20	Lueders & Co., Geo	1.10
Gelpi & Sons, Paul	2.42	Lynch, Jno. C	7.55
Getz Bros. & Co., (Incorporated)	.70	McCubbin Co., C. J	1.40
Gichner, Ernest	25.50	McCuen, William H	14.00
Gimbel Bros	16.05	McDonough & Co., M. F	1.95
Githens, Rexsamer Co	16.85	McIlvaine Brothers	.67
Godilett & Co	7.64	Mac Rae, Hector C	7.90
Golden & Co	4.57	Macy & Co., R. H	1.50
Grand, J. L	64.50	Manierre Yoe Syrup Co	.72
Granville, M. L	25.25	Martin, Gustav	6.09
Green, John S. P	8.75	May Hardware Co., F. P	1.00
Groome & Co	.75	Menzel & Co	4.84
Grossfeld & Roe Co	.30		

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Meyer & Lange	$78.09
Middendorf & Roher	.38
Mieg, Brady & Lincoln Co. (Limited)	2.00
Miller, F. C	.90
Mineralized Rubber Co	.81
Mitchell, Fletcher & Co., (Incorporated)	.80
Monarch Typewriter Co	120.00
Moos & Co	31.30
Morris & Co., James E	2.53
Morschhauser, W. A	400.00
Mueller Manufacturing Co., H	64.00
Murphy Co. (Incorporated), E. J	1.50
Musolino & Berger	3.74
Muth & Co., Geo. F	139.05
Naisawald & Son, L. C	.48
National Electric Supply Co	162.72
National Mortar Co	11.95
Nawrath, J. P	4.65
Nelson Refrigerator Co	.10
Netter, C. S	6.04
Newbauer & Co., J. H	1.63
New Hammondsport Vintage Co	4.16
Newman & Schwiers Co	9.40
New York Press Co. (Limited)	19.20
Nice, Eugene E	1.07
Nicholson & Son, Jas. A	17.00
Novelty Electric Co	19.54
Ogg, Alkman	2.90
Okonite Co. (Limited)	59.15
Oliver, T. W. Co	96.60
Oyster, Geo. M., jr	30.60
Oyster, D. Wm., jr	178.13
Park & Tilford	6.44
Pascal, Dubedot & Co	2.92
Pastene & Co., P	16.12
Patent Fin Hot Water Heating Co	31.32
Paturel, George A	1.34
Peerless, Electric Co	49.75
Peoples Pure Ice Co	26.75
Perkins & Son (Incorporated), B. F	75.00
Perry & Co., J. P	9.85
Pickert Fish Co., L	.41
Pierce Co., S. S	79.46
Polk Co., J. T	125.00
Potomac Electric Power Co	10.00
Press Co	10.40
Purtell & Co., J. J	4.25
Pyle Co., C. & W	2.00
Rau, John C	27.54
Reichard, E. A	1.30
Reid, C. & D., Supply Co., A. H	.79
Reilly, Hugh	126.80
Reiss & Brady	39.72
Remington Typewriter Co	631.48
Roberts, Frank L	4.79
Rockhill & Vietor	.30
Rohner Co., Henry	9.90
Ronalds & Johnson Co	15.25
Rosenfeld, N	3.38
Ross & Bro. (Incorporated), W. A	7.50
Rothschild & Co., Jno	1.67
Rudolph & West Co	121.94
Russo, Ernest	2.94
Sabino, Carmine	.80
Sacco, Guiseppe	.50
Sandz, Auguste	.60
San Gabriel Valley Fruits Provision Co	1.11
Schaefer, J. W	.40
Schafer & Co., E. G	89.16
Schieffelin & Co	4.50
Schneider's Sons, C	8.75
Schneider's Sons, C. A	2.50
Sheldon & Co., G. W	51.67
Sheppard & Co., Isaac A	7.28
Shipman, B. M	2.09
Simple Electric Heating Co	$80.60
Smith & Co., James P	46.21
Smith & Bros. Typewriter Co., L. C	80.00
Smith Premier Typewriter Co	354.15
Smith & Sons, Thos. L	2.72
Somerset Club	.82
Somerville Co., Thos	524.62
Standard Oil Co	41.31
Stansbury, D. R	34.00
Stanton & Co	.94
Starr Co., B. F	11.53
Stein, Hirsh & Co	3.45
Stickler, Charles	1.18
Stollwerck Bros	1.16
Strohmeyer & Arpe Co	26.54
Students' Cooperative Society	3.60
Swedish Produce Co	4.46
Sweet & Co., E. F	.25
Takeda & Co., H	1.00
Terrile, P	5.35
Thomas, B. M	119.95
Thomfordt, Henry	109.57
Thompson, C. W	126.90
Thompson, J. S	127.41
Thompson & Leavitt	2.90
Thurston & Braidich	1.65
Times-Democrat	6.75
Tindell, Chas. W	.80
Toch Paint Supply Co	7.08
Tolman Laundry	8.41
Troemner, Henry	.66
Underwood Typewriter Co	252.00
Union Paper Co	9.80
Union Toilet Supply Co	1.75
United Hardware Co. (Limited)	6.60
United States Mailing Case Co	31.50
Valk & Bro., S. J	2.52
Vance & Co., James M	7.20
Vogt, F	.67
Von Bremen, MacMonnies & Co	38.78
Wade, G. Taylor	26.60
Wagner & Sons, John	.51
Wakem & McLaughlin	20.76
Walker, Sons, J. T	.40
Walker & Longstreet	37.00
Wanamaker, John	65.30
Warber & Lea Co	2.24
Warren & Dyer	10.00
Washington Market Co	16.50
Washington Wood Working Co	335.75
Weber & Co., F	.90
Weber, Jules	12.55
Weil, Ph	1.80
Wellman Peck & Co	.28
Wenz, Henry	.29
Westinghouse Air Brake Co	1.80
White, B. T	5.85
White, Fred C	40.60
Williams & Co., Arthur, jr	5.70
Winfield, A. A	8.00
Witte Hardware Co., Francis T	6.25
Woodward & Lothrop	36.87
Woodward & Son, Thos	.75
Zanesville Stoneware Co	42.80
Total	10,182.68
Furniture.	
Fuller Desk Co., Geo. H	77.50
Globe-Wernicke Co	17.50
Gottwals, W. O	38.75
Hoeke, W. H	494.27
House & Herman	8.75
Lansburgh Furniture and Carpet Co., J	32.90
Library Bureau	320.25

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920"—Continued.

Name.	Amount.
Furniture—Continued.	
Lincoln, Fred S	$46.40
Macey Company	7.50
Moses & Sons, W. B	262.93
Revell & Co., A. H	22.50
Stokes, W	1.80
Wanamaker, John	87.50
Woodrugg Manufacturing Co	343.00
Woodward & Lothrop	171.05
Yawman & Erbe Manufacturing Co	255.83
Total	2,188.43
Freight.	
American Transfer Co	2.44
Atchison, Topeka and Santa Fe Ry. Co	21.54
Baltimore and Ohio R. R. Co	31.25
Biglin, Bernard	.32
Blue Line Transfer Co	.87
Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co	1.44
Clute, Alva B	.19
Littlefield, Alvord & Co	15.75
Maine Central R. R. Co	.82
Missouri Pacific Rwy. Co	6.29
New Orleans and Northeastern R. R. Co	.94
O'Heron, John J	.25
Pennsylvania R. R. Co	18.04
Philadelphia and Reading Rwy. Co	1.06
Philadelphia Transfer	1.00
Smedley Co	4.00
Southern Rwy. Co	2.35
Star Union Line	.79
Students Transfer Co	2.75
Washington-Southern Rwy. Co	3.79
Total	115.88
Express.	
Adams Express Co	778.12
United States Express Co	202.99
Total	981.11
Telegraph.	
Postal Telegraph-Cable Co	26.25
Western Union Telegraph Co	40.17
Total	66.42
Telephone.	
The Chesapeake and Potomac Telephone Co	51.95
Chicago Telephone Co	18.08
Cumberland Telephone and Telegraph Co	60.00
Keystone Telephone Co. of Philadelphia	26.91
New England Telephone and Telegraph Co	45.30
Pacific Telephone and Telegraph Co	36.40
Total	238.64
Rent.	
Beveridge, estate of Susan J	300.00
Buhl, Willis E	100.00
Jackson & Co., J. T	525.00
Johnson & Son, J. H	2,500.00
Pennsylvania Cold Storage and Market Co	75.00

Name.	Amount.
Rent—Continued.	
Pilling, John W	$133.33
Total	3,633.33
Gas and electricity.	
Boston Consolidated Gas Co	4.33
New Orleans Gaslight Co	1.44
Potomac Electric Power Co	314.06
United Gas Improvement Co	35.20
Washington Gaslight Co	613.50
Total	968.53
Apparatus, instruments, and laboratory material.	
American Distilling Co	2.80
American Distributing Co	223.75
Andel & Co., Theo	7.00
Baker & Co. (Incorporated)	119.28
Baker & Adamson Chemical Co	4.93
Bausch & Lomb Optical Co	2,230.99
Becker, Christian	547.10
Berkefield Filter Co	42.50
Bishop & Co., J	659.75
Central Laboratory Supply Co	73.30
Columbia Photo Supply Co	17.11
Cordley & Hayes	25.00
Daigger & Co., Andrew	6.20
Dimock & Fink Co	236.64
Eastern Drug Co	1.72
Eimer & Amend	689.73
Evans, Henry	1.70
Fairbanks Co	7.50
Feidt & Co., Geo. D	8.94
Gerber, A. D	775.60
Gilman, Z. D	1,157.94
Grand, J. L	6.00
Green, Henry J	72.00
Greiner Co., Emil	777.45
Herpick, Chris	63.90
Hohmann & Maurer Manufacturing Co	5.00
Hove & Shipley	8.00
Justinian Caire Co	328.06
Keuffel & Eser Co	39.25
Kny-Scheerer Co	24.05
Leese, M. A	.80
Leitz, Ernest	288.95
Lewis, E. J	10.00
Liquid Carbonia Co	14.25
Lyons & Co. (Limited), I. L	17.45
McEvay, Thomas J	2.04
McKee & Co., A. J	11.50
McNab & Harlin Manufacturing Co	7.50
Machlett & Son, E	252.24
Mackall Bros	2,340.11
Magnus & Lauer	10.75
Mallinckrodt Chemical Works	13.75
Mathy Company	142.50
Merck & Co	26.25
Michigan Chemical Co	3.50
Moore, A. L	4.36
Mott Iron Works, J. L	34.00
Murphy Co., E. J	3.60
Perkins & Son (Incorporated), B. F	8.00
Pullman, E. J	14.96
Queen & Co	17.25
Rau, John C	8.98
Ronalds & Johnson Co	34.30
Sargent & Co., E. H	185.00
Schmidt, Fred A	8.50
Sheetz, W. Silas	1.50
Shields, W. S. P	2,473.11
Sholes Co., Chas. E	.55

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Laboratory, Department of Agriculture, 1907, $145,920"—Continued.

Name.	Amount.
Apparatus, instruments, and laboratory material—Continued.	
Southern Redistilling & Rectifying Co. (Limited)	$2.15
Spencer Lens Co	29.42
Squibb & Sons, E. R	12.50
Squier Manufacturing Co., Geo. L	28.33
Sundt Electric Co	40.90
Thomas Co., A. H	1,992.41
Torsion Balance Co	12.05
Troemner, Henry	14.65
Tschiffely, F. A., jr	16.00
Wagner Glass Works	6.45
Washington Wholesale Drug Exchange	19.63
Weissenthanner, A	1.80
Wellaner, Emil	18.50
Western Distilleries Distilling Co	24.91
Whitall, Tatum Co	421.19
White, B. F	6.57
Total	16,746.35
Travel and station and field expenses.	
Alwood, Wm. B	343.45
Barnard, H. E	65.75
Bigelow, W. D	270.26
Bitting, A. W	169.50
Brinton, Clement S	34.61
Browne, C. A., jr	43.94
Burnet, C. Wallace	1.00
Chace, Ed MacKay	25.75
Chick, Thomas	127.57
Church, C. G	400.08
Cook, Frank C	61.60
Donk, M. G	9.25
Doolittle, R. E	144.80

Name.	Amount.
Travel and station and field expenses—Continued.	
Fischer, Richard	$87.81
Frear, Wm	118.91
Frost, H. V	80.42
Fulmer, Elton	198.49
Given, A	153.30
Gore, Herbert C	267.16
Gould, Ralph A	288.32
Harrison, C. W	97.05
Haywood, J. K	394.22
Holland, Herbert J	108.45
Houghton, H. W	95.21
Jackson, Geo. H	57.10
Jenkins, Edward H	99.55
Kebler, L. F	25.00
Le Clerc, J. A	28.00
Merrill, F. D	9.95
Moore, C. C	103.10
Patrick, George E	21.22
Pennington, Mary E	342.40
Scovell, M. A	46.78
Seidell, Atherton	7.00
Smith, B. H	109.84
Smither, F. W	27.00
Smoot, C. C	4.20
Stiles, Geo. W., jr	31.05
Straughn, M. N	561.05
Veitch, F. P	67.00
Walker, Percy H	62.62
Walls, Edgar P	111.70
Weber, H. A	57.10
Wiley, H. W	244.20
Wiley, M. H	72.62
Winton, A. L	36.62
Total	5,627.00

Total amount of appropriation	$145,920.00
Total expenditures under above groups	139,905.39
Unexpended balance	6,014.61
Repayments to credit of appropriation	11.00
Net unexpended balance	6,025.61

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of Contract.	Approximate amount.
Cowsill, Arthur	Installing ventilator	$563.02
Gerber, A. D	Equipping laboratory	742.00
Shields, W. S. P	do	2,473.11
Total		3,778.73

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Enforcement of the food and drugs act, 1907, $250,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Dunlap, F. L.	Associate chemist, at $3,500	$602.78	
Barker, Howard W.	Food and drug inspection chemist, at $1,800	150.00	$75.77
Havenhill, L. D.	do	130.00	94.55
Sy, Albert P.	do	90.00	
Ross, Samuel H.	Food and drug inspection chemist, at $1,600	142.22	92.00
Sell, Harvey A.	Food and drug inspection chemist, at $1,500	166.67	
Sullivan, A. L.	do	125.00	78.97
Balcom, R. Wilfred	Assistant chemist, at $1,400	35.00	
Fuller, Henry C.	Assistant chemist, at $1,200	316.67	
Kimberly, Chas. H.	do	330.00	
Luther, John B.	Assistant chemist at $840	32.67	
Brown, A.	Food and drug inspector, at $2,000	455.56	146.03
Garber, John H.	do	250.00	355.93
Campbell, W. G.	Food and drug inspector, at $1,800 and chief inspector, at $2,250	108.75	107.45
Meserve, Chas. A.	Food and drug inspector, at $1,800	140.00	128.31
Anderson, Wm. H.	Food and drug inspector, at $1,600	106.67	115.55
Woolsey, A. B.	do	124.45	104.34
McIntyre, A. J.	Food and drug inspector, at $1,400	50.56	14.07
Wollard, Frank L.	do	116.67	147.54
Wharton, Wm. R. M.	Food and drug inspector, at $1,200	93.33	157.62
Hart, B. R.	Scientific assistant, at $5 per diem	30.00	61.20
Rector, Frank	Scientific assistant, at $1,200	433.33	
Young, Wm. J.	Scientific assistant, at $1,000	500.00	
Boyle, Charles W.	Expert, at $1,600	733.35	34.36
Coleman, Jay G.	Clerk, at $1,200	600.00	
Shibley, James G.	do	400.00	
Walters, Harry H.	Clerk, at $1,200, and $1,400	566.67	
Kline, Helen M.	Clerk, at $720	306.00	
Phillips, Maud	do	306.00	
Pitts, Virginia E.	do	304.00	
Pritchett, Kathryn	do	306.00	
Proctor, Mary F.	do	330.00	
Shipe, Laura F.	do	80.00	
Shuman, Ursula	do	300.00	
Wood, Myrtle J.	do	170.00	
Total		8,932.35	
Out of Washington.			
Winton, A. L.	Food inspection chemist, at $3,000	758.33	
La Wall, Chas. H.	Food inspection chemist, at $10 per diem	56.42	8.40
Doolittle, R. E.	Food inspection chemist, at $2,500	1,041.67	
Ogden, A. W.	Food inspection chemist, at $2,000	833.34	
Seeker, A. F.	do	833.34	
Gould, R. A.	Food inspection chemist, at $1,800	750.00	
Clark, Edmund	Food inspection chemist, at $1,600	666.67	
Frost, H. V.	do	666.67	
Taylor, A. E.	Assistant chemist, at $1,600	351.11	
Lyman, Edmund R.	Assistant chemist, at $1,200	293.33	
Mitchell, Andrew S.	Chief of St. Paul laboratory, at $2,750	297.93	115.71
Smith, B. H.	Chief of Boston laboratory, at $2,000	833.34	
Brinton, C. S.	Chief of Philadelphia laboratory, at $1,600	666.67	
Duff, Jas. C.	Food and drug inspector, at $2,000	155.50	70.08
Kitchen, Harry C.	Food and drug inspector, at $1,800	70.00	113.77
Cameron, Walter S.	Food and drug inspector, at $1,600	66.67	64.47
Earnshaw, John T.	do	71.10	62.92
Haley, John C.	do	88.89	143.51
Holton, Chas. E.	do	13.33	
Judge, Arthur J.	do	124.44	120.25
Miller, Walter C.	do	124.44	91.22
Moore, Harry C.	do	57.78	
Stengel, Arthur	do	124.44	51.70
Walsh, Daniel M.	do	116.67	124.70
Winslow, Barclay C.	do	124.44	89.96
Adams, Geo. H.	Food and drug inspector, at $1,500	116.67	54.93
Hager, Gordon L.	do	79.17	108.32

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Enforcement of the food and drugs act, 1907, $250,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Sudler, Oden R.	Food and drug inspector, at $1,400	$93.33	$107.59
Wagner, Harvey H.	do	101.11	118.77
Young, Robert	do	108.89	93.37
Lynch, John L.	Food and drug inspector, at $1,000	77.77	121.82
Wiegand, N. M.	do	38.89	114.66
Ladd, E. F	Expert, at $150 per report	150.00	.....
Bitting, A. W.	Special agent, at $150 per month, and food and drug inspector, at $1,800.	750.00	.....
Woodman, A. G	Scientific assistant, at $6 per diem	270.00	.....
Harrison, C. W.	Scientific assistant, at $1,600	666.67	.....
Woodruff, F. O.	Scientific assistant, at $1,200	500.00	.....
Holland, H. J.	Scientific assistant, at $1,000	416.67	.....
Merrill, F. D.	Scientific assistant, at $840	350.00	.....
White, B. R.	Chemical clerk, at $1,000, and food and drug inspector, at $1,200.	433.33	.....
McNamara, L. C.	Laboratory helper, at $720	300.00	.....
Burnett, Lyle B.	Laboratory helper, at $50 per month	250.00	.....
Foster, Wm. W.	Laboratory helper, at $600	150.00	.....
Gamble, Fred. G.	Laboratory helper, at $50 per month	110.00	.....
Gersdoiff, C. E. F.	Laboratory helper, at $600	250.00	.....
Tasker, William	Laboratory helper, at $50 per month	250.00	.....
Wachter, Louis E.	Laboratory helper, at $600	160.00	.....
Sadd, L. E.	Laboratory apprentice, at $60 per month	300.00	.....
Bates, Carleton	Laboratory assistant, at $50 per month	10.00	.....
Lind, Herman	Clerk, at $840	256.67	.....
Lynch, Joseph T.	Clerk, stenographer, and typewriter, at $900	17.50	.....
Welsh, Jesse	Stenographer and typewriter, at $900	50.00	.....
Pennell, Mary C.	Stenographer and typewriter, at $3 per diem	51.84	.....
Kennedy, Mary Agnes	Collaborator, at $25 per month	72.50	.....
Post, Israel P.	Janitor, at $600	138.33	.....
Total		15,714.92	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Enforcement of food and drugs act, 1907, $250,000."

Name.	Amount.
Stationery.	
Andrews Paper Co., R. P.	$18.90
Audit System	13.48
Ballantyne & Sons, Wm.	10.40
Library Bureau	165.00
Lincoln, Fred S.	3.15
Morrison Paper Co., E.	1.90
Parker, D. Frank	18.00
Swayze, W. L.	403.70
United States Envelope Co.	83.74
Wilkinson Bros. & Co.	12.04
Yawman & Erbe Manufacturing Co.	40.59
Total	770.90
Miscellaneous supplies, etc.	
Abell Co., A. S.	2.70
American Ice Co.	20.18
American Mosaic Co.	21.00
Ballantyne & Sons, Wm.	1,163.18
Barber & Ross	3.50
Becker & Co., Chas.	.43
Belo & Co., A. H.	5.16
Bentley Co., Geo. Wm.	.24
Boston Transcript	2.60

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Boyle & Co. (Incorporated), John.	$4.00
Brass & Kuhn	2,112.60
Brentano's	868.45
Brunswick-Balke-Collender Co.	550.00
Bryan, W. J.	32.50
Buffalo News	2.80
Capital Traction Co.	20.00
Chicago Herald Co.	8.40
Chronicle Publishing Co.	13.00
Church & Stephenson	100.08
Copeland Co., M. G.	9.00
Cordley & Hayes	8.00
Daniels, J. Morris	538.30
Detroit Free Press	3.12
Detroit Journal Co.	3.12
Detroit Times Co.	1.40
Dimock & Fink Co.	16.12
Dispatch Printing Co.	2.10
Dulaney Co., Wm. J. C.	60.00
Dulin & Martin Co.	44.10
Du Perow, M.	31.00
Dyer, Wm. H.	25.70
Edmonston, Chas. R.	5.05
Ergood & Co., J. C.	3.34
Evening News Association	8.00

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Enforcement of the food and drugs act, 1907, $250,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Frasse Co.	$6.40
Gerber, Albert D.	185.50
Gichner, Fred S.	3.75
Grand, J. L.	9.00
Green, John S. P.	23.35
Hale Co., F. A.	2.00
Herbert & Son Co., C. J.	60.00
Herpick, Chris.	3.20
Holt, Geo. H.	50.00
Hutchinson, Wm. Seely	56.50
Journal Co.	7.00
Journal of Commerce and Commercial Bulletin	7.20
Joyce Engraving Co., M.	5.00
Kellogg Switchboard and Supply Co.	27.69
Lamb & Tilden	3.50
Lambie Co. (Incorporated), Jas.	5.90
Monarch Typewriter Co.	508.75
Montgomery, Ward & Co.	368.73
Morning News.	6.80
Mueller Manufacturing Co., H.	192.00
Muth & Co., Geo. F.	1.73
National Electric Supply Co.	233.10
National Motor Co.	7.25
Neff, J. N.	500.00
News Publishing Co.	2.22
Oliver Typewriter Co.	71.09
Orr & Lockett Hardware Co.	18.00
Perry & Co., J. P.	625.24
Philadelphia Item	13.00
Pioneer Press Co.	7.93
Post Intelligence Co.	4.30
Powell, I. N.	15.00
Press Co.	10.00
Publishers Weekly	1.20
Rapier, Thos. G.	1.95
Redmond, Chas. D.	120.45
Reilly, Hugh	27.78
Remington Typewriter Co.	160.00
Ross & Bro. (Incorporated), W. A.	.76
Rudolph & West Co.	103.58
San Francisco Call	11.12
Schafer & Co., E. G.	18.50
Schmidt, O. H.	208.00
Shepard, James H.	150.00
Smith-Premier Typewriter Co.	160.00
Smith, Thorn.	6.00
Somerville Co., Thos.	21.76
Star Publishing Co.	1.96
Strohmeyer & Arpe Co.	4.20
Sun Printing and Publishing Association	19.20
Sweeten-Crossan Electric Co.	21.80
Tacoma Ledger Co.	2.22
Times, Evening	10.20
Topham, James S.	35.50
Tribune Association	8.00
Tribune Co.	26.60
Underwood Typewriter Co.	330.00
Vallely, P. W.	79.50
Warner, L.	12.00
Washington Wood Working Co.	13.75
Whiteside & Walton	7.50
Woodward & Lothrop	58.39
Total	10,343.07
Furniture.	
Derby Desk Co.	13.25
Field & Co., Marshall	12.35
Fuller Desk Co., Geo. H.	77.95
Gimbel Bros. (Incorporated)	9.30
Hoeke, W. H.	283.84
Hoskins Co W. H.	10.80
Lansburgh Furniture and Carpet Co., J.	$27.25
Library Bureau	140.90
Lincoln, Fred S.	27.25
Macey Co	23.61
Marcuse, S. H.	1,697.00
Moses & Sons, W. B.	218.48
Seigel, Cooper & Co.	40.66
Wanamaker, John	48.00
Williams Co., Geo. A.	3,432.00
Woodruff Manufacturing Co	121.75
Woodward & Lothrop	93.10
Yawman & Erbe Manufacturing Co.	282.01
Total	6,568.50
Freight.	
Littlefield, Alvord & Co.	1.44
Merchants and Miners Trans. Co.	2.46
Pennsylvania R. R. Co.	3.02
Total	6.92
Telegraph.	
Postal Telegraph Cable Co.	39.99
Western Union Telegraph Co.	77.22
Total	117.21
Rent.	
Ellerson, Jas. R.	50.00
Holt, George H.	300.00
Total	350.00
Apparatus, instruments, and laboratory material.	
American Distilling Co.	42.78
American Distributing Co.	22.12
Baker & Adamson Chemical Co.	8.40
Bausch & Lomb Optical Co.	1,655.05
Becker, Christian	2,027.00
Blakiston's Sons Co., P.	155.50
Boesch Lamp Co.	18.00
Buffalo Dental Manufacturing Co.	30.00
Columbia Photo Supply Co.	23.50
Daigger & Co., Andrew	17.80
Dietzen, Eugene	34.00
Dougherty, James T.	365.35
Eberbach & Son	4.00
Eimer & Amend	105.55
Feidt & Co., Geo. D.	12.50
Gerry Co., Fredk. R.	159.00
Gilman, Z. D.	703.32
Greiner Co., Emil	419.16
Herpick, Chris.	52.00
Hill, Frank R.	40.00
Jager Co., Chas. J.	344.66
Justinian Caire Co.	39.00
Leitz, Ernest	33.70
Machlett & Son, E.	36.00
Mackall Bros.	781.54
Parke, Davis & Co.	192.63
Pennock, Edward	4.50
Philadelphia Thermometer Co.	3.75
Pullman, E. J.	10.80
Sargent & Co., E. H.	4,975.37
Sheetz, W. Silas	1,700.00
Spencer Lens Co.	171.75
Thomas Co., Arthur H.	1,616.91
Wagner Glass Works	3.44

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Enforcement of the food and drugs act, 1907, $250,000"—Continued.

Name.	Amount.	Name.	Amount.
Apparatus, instruments, and laboratory material—Continued.		*Travel and station and field expenses*—Continued.	
Washington Wholesale Drug Exchange	$47.92	Kebler, Lyman F	$198.98
Whitall, Tatum Co	133.04	Kitchen, Harry C	113.77
		La Wall, Chas. H	8.40
Total	15,990.04	Lind, Herman	9.25
		Lynch, John L	121.88
Travel and station and field expenses.		McCabe, Geo. P	90.04
		McIntyre, A. J	14.67
Adams, George H	54.93	Meserve, C. A	126.31
Albrech, M. C	43.14	Miller, Walter C	91.22
Anderson, Wm. H	115.55	Mitchell, A. S	115.71
Barker, Howard W	75.77	Patrick, George E	7.01
Bigelow, W. D	409.06	Pappe, T. F	90.40
Brinton, Clement S	3.71	Ross, Samuel H	92.00
Brown, A	146.03	Smith, B. H	6.05
Cameron, Walter S	64.47	Stengel, Arthur	51.70
Campbell, Walter G	107.45	Stiles, Geo. W., jr	70.20
Chace, Ed MacKay	3.05	Sudler, Oden R	107.50
Doolittle, R. E	27.96	Sullivan, Arthur L	78.97
Dubois, W. L	3.70	Wagner, H. H	118.77
Duff, James C	70.68	Walsh, Daniel M	124.70
Earnshaw, John T	62.92	Wharton, Wm. R. M	157.62
Frost, H. V	3.09	Weigand, N. M	114.06
Fulmer, Elton	128.00	Wiley, H. W	405.70
Garber, John H	355.93	Wilson, C. P	64.72
Hager, G. L	108.32	Wilson, James	62.21
Haley, J. C	143.51	Winslow, Barclay C	89.96
Hart, Benj. R	61.20	Winton, A. L	234.28
Havenhill, L. D	94.55	Willard, Frank L	147.54
Hoover, Geo. W	103.05	Woolsey, Arthur B	104.34
Howard, B. J	3.64	Young, Robert	93.37
Judge, Arthur J	120.25	Total	5,417.74

Total amount of appropriation	$250,000.00
Total expenditures under above groups	64,211.65
Unexpended balance	185,788.35

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Bacon, A. S., & Sons	Laboratory equipment	$1,327.00
Ballantyne, R. Carter	Books	1,163.18
Bausch & Lomb Optical Co	Electric centrifuges	1,296.00
Becker, Christian	Balances	1,017.80
Bradley, F. A	Plumbing	515.00
Braas & Kuhn	Laboratory equipment	2,112.00
Brentano's (Incorporated)	Books	936.96
Brunswick-Balke Collender Company	Refrigerator	530.00
Buffalo Dental Manufacturing Co	Furnaces	544.80
Carlson, John M	Laboratory equipment	1,712.00
Cornwell & Chipman	Plumbing	296.00
Gilman, Z. D	Microscopes	3,000.00
Haberkorn, J. H. A	Laboratory equipment	1,615.00
Herbert, C. J., & Son Co	Plumbing	320.00
Sargent, E. H., & Co	Platinum ware	4,357.00
Sheetz, W. Silas	Kodaks and films	1,700.00
Simplex Electric Heating Company	Electric heaters	1,296.00
Stechert, G. F., & Co	Books	2,912.00
Steiger, E., & Co	do	678.00
Williams, Geo. A., Company	Laboratory equipment	973.00
Do	do	993.00
Do	do	1,125.00
Do	do	1,388.00
Do	do	2,968.00
Do	do	1,388.00
Total		35,994.71

BUREAU OF CHEMISTRY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Enforcement of the food and drugs act, 1907, $250,000"—Continued.

RECAPITULATION.

Statutory salaries	$27,103.12
Lump-fund salaries:	
In Washington	85,229.93
Outside of Washington	36,718.12
Stationery	2,626.15
Miscellaneous supplies and services, equipment, books, machinery, etc.	20,525.75
Furniture	8,756.93
Fuel	
Freight	122.80
Express	981.11
Telegraph	183.63
Telephone	238.64
Rent	3,983.33
Gas and electricity	968.53
Apparatus; instruments, and laboratory material	32,736.39
Printing and binding	
Travel and station and field expenses	11,045.73
Total for entire Bureau of Chemistry	231,220.16
Total amount of appropriations	424,180.00
Total expenditures under above groups	231,220.16
Unexpended balance	192,959.84
Repayments to credit of appropriations	11.00
Net unexpended balance on September 30, 1907	192,970.84
Outstanding liabilities (estimated)	38,866.26
Balance to be turned back in Treasury (estimated)	154,104.58

PROJECTS.

The principal projects conducted by the Bureau of Chemistry during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

"Laboratory, Department of Agriculture, 1907."

Food inspection:	
Washington Laboratory	$23,158.71
New York Laboratory	13,464.86
Boston Laboratory	2,713.96
San Francisco Laboratory	3,061.73
New Orleans Laboratory	2,754.56
Philadelphia Laboratory	2,844.32
Chicago Laboratory	2,723.94
Drug tests and investigations	9,970.14
Food standards	3,169.85
Cold-storage investigations (effects on foods)	5,194.28
Micro-chemical investigations	3,549.54
Nitrogen tests and investigations	4,144.22
Miscellaneous tests and investigations	11,692.92
Leather and paper tests and investigations	5,890.44
Dairy tests and investigations	5,691.63
Plant analysis	3,204.14
Sugar tests and investigations	4,976.31
Contracts tests and investigations	7,044.51
Physiological tests and investigations	7,032.75
Cereal investigations	5,145.84
Bacteriological tests and investigations	3,103.44
Sweet-corn investigations	3,195.80
Cider and vinegar investigations	2,371.68
Office: Editorial, clerical, and administrative	30,898.94
Total	166,998.51

Enforcement of the food and drugs act, 1907.

Food inspection:	
Washington laboratory	$3,327.33
New York laboratory	10,266.69
Boston laboratory	2,436.43
Philadelphia laboratory	2,372.30
Chicago laboratory	4,960.13
San Francisco laboratory	4,059.27
New Orleans laboratory	2,243.65
St. Paul laboratory	2,045.27
Kansas City laboratory	2,559.17
Galveston laboratory	2,622.21
Portland laboratory	848.74
Buffalo laboratory	1,779.65
Denver laboratory	502.77
Seattle laboratory	1,009.05
Detroit laboratory	738.50
Cincinnati laboratory	241.60
Savannah laboratory	1,662.56
Food and drug inspectors	7,867.33
Drug tests and investigations	2,102.09
Micro-chemical investigations	1,086.17
Bacteriological tests and investigations	2,343.92
Office: Clerical, editorial, and administrative	7,136.82
Total	64,211.65

BUREAU OF SOILS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Soils, 1907, $36,460."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Whitney, Milton	Chief of Bureau, at $3,500	$3,500.00	$67.77
Rice, A. G	Chief clerk, at $2,000	2,000.00	
Baumann, Geo. W	Clerk, class 4	1,800.00	
Seaton, Chas. H	do	1,800.00	
Drake, Chas. A	Clerk, class 3	1,600.00	37.32
Barnes, J. H	Clerk, class 2	1,400.00	
Newton, V. B	do	1,400.00	
Wolfe, C. A	do	1,400.00	
Clevenger, O. B	Clerk, class 1	900.00	
McGinty, G. B	do	300.00	
Connolly, A. L	do	1,166.67	
Hale, G. C	do	403.33	
Hodge, Frederick E	do	190.00	
McKericher, J. W	do	490.00	
King, G. B	do	1,200.00	
Stewart, Janette	do	1,200.00	
Weir, T. B	do	1,200.00	
Weiser, L	Draftsman, at $1,200	1,200.00	
Briscoe, A. J	Draftsman, at $1,000	1,000.00	
Clevenger, O. B	Clerk, at $1,000	250.00	
Cummings, Robt. E	do	708.34	
Fredenburg, H. S	do	116.67	
McKericher, J. W	do	505.56	
Patterson, M. W	do	277.78	
Richardson, W. T	do	83.33	
Haynie, F	do	600.00	
Pearce, E. W	do	347.23	
Fredenburg, H. S	Clerk, at $840	476.00	
Hodge, Frederick E	do	343.00	
Howe, Sarah W	Clerk, at $720	720.00	
Haygood, Serena	Clerk, at $600	600.00	
Blair, S. C	Carpenter, at $840	518.00	
Byrnes, L. A	do	32.67	
Londvolght, Chas	do	193.67	
Bonde, R. J	Assistant photographer, at $840	840.00	8.35
Bryan, Harry	Mechanician, at $1,000	486.34	

BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Soils, 1907, $36,460"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Press, A.	Mechanician, at $1,000	$386.11	.....
Newman, G. R. J.	Fireman, at $840	674.33	.....
Weidman, Chas. S.	do	158.67	.....
Bresnahan, M.	Watchman, at $720	720.00	.....
Johnson, Wm. H.	do	180.00	.....
Moore, E. U.	do	540.00	.....
Carpenter, J. de L.	do	196.00	.....
Field, J. E.	Messenger, at $720	60.00	.....
Hall, Clifford Lee	do	314.00	.....
Talbot, W. N.	do	60.00	.....
King, Chas. W.	Laborer, at $480	424.00	.....
Smith, Nannie P.	do	40.00	.....
Brown, M. L.	Charwoman, at $480	480.00	.....
Blackman, C. H.	Messenger, at $360	42.00	.....
Mahan, T. F.	do	314.00	.....

Total amount of appropriation	$36,460.00
Total amount paid for salaries	35,834.70
Unexpended balance	625.30

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Soil investigations, 1907, $185,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Bonsteel, J. A.	Scientist, at $3,000	$3,000.00	$733.70
Cameron, F. K.	do	3,000.00	141.68
Schreiner, Oswald	Scientist, at $2,750	2,750.00	70.90
Gardner, Frank D.	Scientist, at $2,500	2,500.00	266.62
Failyer, G. H.	Scientist, at $2,000	2,000.00	.....
Coffey, Geo. N.	Scientist, at $1,800	1,800.00	745.24
Jensen, Chas. A.	Scientist, at $1,600	1,200.00	.....
McNess, Geo. T.	Tobacco expert, at $3,000	3,000.00	812.80
Shorey, Edmund C.	Scientific assistant, at $2,000	1,133.33	191.45
Buckingham, E.	Scientific assistant, at $1,600	195.55	.....
Breazeale, J. F.	do	1,200.00	.....
Lapham, J. E.	Scientific assistant, at $1,600 and $1,800	1,700.00	.....
Belz, J. O.	Scientific assistant, at $1,400	58.33	.....
Nelson, J. W.	do	1,400.00	344.69
Smith, J. G.	do	1,400.00	.....
Stevens, F. D.	do	1,400.00	.....
Gallagher, F. E.	Scientific assistant, at $1,200 and $1,400	1,005.56	.....
McClintock, J. E.	Scientific assistant, at $1,200	1,200.00	39.35
Maynadier, G. B.	do	1,200.00	.....
Pearce, Julia R.	do	13.33	.....
Sampson, H. O.	do	346.67	267.51
Sanchez, A. M.	do	913.33	.....
Taber, W. C.	do	1,173.33	.....
Umberger, H. J. C.	do	400.00	.....
Winckelman, H.	do	1,200.00	.....
Gilbert, John C.	Scientific assistant, at $1,000	325.00	.....
Jackson, A. M.	do	1,000.00	.....
McLane, J. W.	do	166.66	.....
Robinson, Wm. O.	Scientific assistant, at $1,000 and $1,400	1,032.78	15.75
Wade, H. R.	Scientific assistant, at $1,000	369.45	.....
Sullivan, M. X.	Soil expert, at $1,800	515.00	.....
Reed, H. S.	Soil expert, at $1,600 and $1,800	1,700.00	12.50
Bell, James M.	Soil expert, at $1,400 and $2,000	1,700.00	33.00

BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Soil investigations, 1907, $185,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Cont'd.			
Patten, H. E	Soil expert, at $1,400 and $1,600	$1,500.00	$6.60
Beattie, J. H	Assistant, at $720, and scientific assistant, at $1,000.	620.00	18.13
Waggaman, W. H	Assistant, at $720 and $1,000	836.67	
Crabb, Geo. A	Assistant, at $720	178.00	
Fletcher, C. C	do	720.00	
Hill, D. H	do	330.00	
Latimer, W. J	do	342.00	
Turner, M. L	do	314.00	
Cratty, J. A	Plumber, at $4 per diem	184.00	
Byrnes, L. A	Carpenter, at $840	7.00	
Williams, E. A	Laborer, at $600	600.00	
Gray, L. L	Laborer, at $45 per month	22.50	
Hueter, Chas. J	Laborer, at $1.50 per diem	13.50	
Marcey, F. L	do	150.00	
Thomas, W. T	Laborer, at $300	300.00	
Dahler, Wm. C	Unskilled laborer, at $1.50 per diem	13.50	
Adams, Rosie	Unskilled laborer, at $1 per diem	8.00	
Tilley, Grayce	do	8.00	
Total		48,145.49	
Out of Washington.			
McGee, W. J	Scientist, at $3,000	816.67	412.85
Dorsey, C. W	Scientist, at $2,500	2,500.00	841.26
Hinson, W. M	Tobacco expert, at $2,500	2,499.99	932.68
Massey, Geo. B	Tobacco expert, at $2,000	2,000.00	305.72
Mathewson, E. H	Tobacco expert, at $1,800 and $2,000	1,900.00	120.84
Stewart, J. B	Tobacco expert, at $1,800	850.00	
Ayer, L. W	Tobacco expert, at $1,600	1,600.00	714.19
Green, W. W	Tobacco expeert, at $1,400	1,400.00	201.78
Harris, Geo. W	do	1,400.00	15.19
Schrader, Wm. B	do	1,400.00	
Weinberg, Henry	do	583.33	4.50
Olson, Otto	Tobacco expert, at $1,200	1,200.00	
Rowe, Robert W	do	533.33	341.09
Epley, R. S	Tobacco expert, at $1,000	1,000.00	
Rich, Harry	Tobacco expert, at $1,000 and $1,200	850.00	
Lapham, Macy H	Scientific assistant, at $1,800	1,800.00	2,331.65
Bennett, Frank	Scientific assistant, at $1,600	1,600.00	1,668.88
Brown, B. E	do	1,600.00	22.07
Caine, Thomas A	do	1,600.00	998.65
Fippin, E. O	do	400.00	331.17
Hearn, W. E	do	1,600.00	980.16
Mackie, W. W	do	1,600.00	601.99
Rice, Thomas D	do	1,600.00	1,492.68
Smith, W. G	Scientific assistant, at $1,600, and scientist, at $2,000.	1,900.00	1,181.06
Sweet, A. T	Scientific assistant, at $1,600	1,600.00	35.10
Wilder, Henry J	do	1,600.00	897.45
Bennett, M. H	Scientific assistant, at $1,400	1,400.00	1,415.05
Britton, J. C	do	1,400.00	1,077.76
Burgess, J. L	do	1,400.00	845.89
Carr, M. Earl	do	1,400.00	641.51
Carter, W. T., jr	do	1,400.00	1,088.65
Holmes, S. Carl	do	1,400.00	282.25
McLendon, W. E	do	1,400.00	1,242.44
Mangum, A. W	do	1,400.00	1,563.18
Mooney, C. N	do	1,400.00	1,498.04
Pember, F. R	do	501.68	
Reid, F. R	do	1,400.00	382.02
Snyder, A. H	do	116.66	
Strahorn, A. T	do	1,400.00	853.89
Warner, J. F	Scientific assistant, at $1,400	1,400.00	105.45
Cook, C. L	Scientific assistant, at $1,200	680.00	10.17
Drake, J. A	do	186.67	
Eckman, O. L	do	1,010.00	69.15
Ely, Chas. W	do	600.00	652.09
Gelb, W. J	do	1,200.00	998.54
Hurst, Lewis, A	do	1,200.00	57.20

BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Soil investigations, 1907, $185,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Jones, G. B	Scientific assistant, at $1,200 and $1,400	$1,300.00	$2,105.93
Kocher, A. E	Scientific assistant, at $1,200	1,200.00	1,091.69
Kolbe, L. A	....do	1,200.00	.....
Mann, C. J	....do	1,200.00	638.38
Meeker, F. N	....do	786.67	941.57
Schroeder, F. C	....do	1,200.00	85.57
Shaw, Chas. F	....do	900.00	346.23
Skinner, J. J	....do	1,200.00	19.68
Smith, H. C	....do	1,200.00	324.85
Tharp, W. E	....do	1,200.00	325.94
Winston, R. A	....do	1,200.00	1,330.36
Worthen, E. L	....do	1,200.00	1,177.24
Allen, Edward R	Scientific assistant, at $1,000	577.78	295.32
Ayers, O. L	Scientific assistant, at $1,000 and $1,200	1,100.00	795.62
Belden, H. L	Scientific assistant, at $1,000	999.99	88.06
Jennings, H	....do	741.68	51.50
Lee, Ora, jr	....do	1,000.00	88.80
Lyman, W. S	Scientific assistant, at $1,000 and $1,200	1,100.00	889.41
Mann, Charles W	Scientific assistant, at $1,000	1,000.00	29.41
Tailby, Geo. W., jr	....do	1,000.00	53.73
Westover, H. L	....do	1,000.00	48.22
Lee, L. L	Traverseman, at $75 per month	435.00	.....
Duck, J. A	Traverseman, at $60 per month	150.00	.....
Smith, Olin	....do	64.00	.....
Hall, J. Weston, jr	Traverseman, at $55 per month	3.67	.....
Lovewell, C. W	....do	196.17	.....
Yeaw, Fred L	Special agent, at $840	70.00	.....
Boss, Rudolph	Agent and expert, at $720	180.00	9.60
Total		83,033.27	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Soil investigations, 1907, $185,000."

Name.	Amount.
Stationery.	
Ballantyne, R. Carter	$35.25
Baumgartner & Sons, J	9.00
Contingent expenses, Department of Agriculture	476.15
Cornell Cooperative Society	5.20
District of Columbia Paper Manufacturing Co	15.12
Library Bureau	16.00
Lincoln, Fred S	13.16
Lindemeyr, Philip	14.40
Morrison Paper Co., E	128.55
Parker, D. Frank	2.25
Schmidt, Fred A	199.32
Swayze, Bailey & Co	22.20
Swayze, W. L	64.20
Union Envelope Co	6.75
United States Envelope Co	39.90
Total	1,017.45
Miscellaneous supplies, etc.	
Babcock, Homer C	100.00
Barber & Ross	14.58
Beavers, John M	6.00
Becker & Co., Chas	26.85
Bernasco, Joseph	1.50
Bolgiavo & Co., F. W	$3.00
Cabot, Godfrey L	11.50
Cady, M. S	5.20
Capital Traction Co	24.00
Carl, Frederick	1.75
Catlin Co., Elmer H	30.75
Church & Stephenson	219.12
Copeland Co., M. G	2.50
Cotton, James S	12.30
Cullen & Atkinson Co	45.00
Duer & Sons, John	4.78
Dulin & Martin Co	2.47
Du Perow, M	11.43
Eline & Co., J. F	7.50
Elliot & Co., James	10.97
Ennis & Son, Geo. T	4.95
Ergood & Co., J. C	24.42
Erkey, John B	1.05
Estler & Son, T. W	3.82
General Electric Co	10.75
Gervais, Gilbert	30.00
Giddings, Burt	240.55
Green Telephone & Electric Manufacturing Co	23.22
Guy, Curran & Co	1.00
Harrington & King Per. Co	1.05
Hartford Tobacco Assn	33.27

BUREAU OF SOILS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Soil investigations, 1907 $185,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Hartig, Louis	$4.13
Havens Photo Studio	2.00
Hazelton, E. P	40.00
Hickersom, H. C	30.00
Hutterly, A. O	8.00
Hydraulic Press Brick Co	18.00
Joyce Engraving Co., M	1.50
Kann Sons & Co., S	13.14
Kessler & Bro., C. S	2.25
Kneessi, G. A	6.65
Larcoix & Blount	21.00
Lamb & Tilden	.70
Lambie Co. (Incorporated), Jas. B	169.54
Lansburgh & Bro	43.47
Lauridson, N. H	2.50
Lindsay Rubber Manufacturing Co., M	1.50
Miller, V. D	8.50
Mineralized Rubber Co	2.25
Munson Supply Co	3.50
Muth & Co., Geo. T	154.84
Mutual District Mess. Co	10.00
National Electric Supply Co	8.54
Nawrath, J. P	3.10
New York Cycle Co	25.00
Ofterdinger, Henry T	126.00
Pike Adding Machine Co	280.00
Potomac Electric Power Co	10.00
Price Machine Co	.75
Rau, John C	17.95
Reilly, Hugh	17.27
Remington Typewriter Co	196.75
Rudolph & West Co	12.49
Rutzler Co., E	44.30
Schafer & Co., E. G	2.10
Schneider's Sons, C	5.00
Shilling, Geo	5.25
Thompson, C. W	49.24
Topham, Jas. S	3.00
Underwood Typewriter Co	8.10
Van Everen, P. F	5.00
Van Fleet, C. W	3.91
Ward-Leonard Electric Co	16.50
Washington Disinfecting Co	13.80
Washington Railway & Electric Co	12.00
Western Electric Co	19.23
Woodward & Lothrop	101.28
Woodford & Co., Wm. G	19.27
Woolf & Co., C. M	14.15
Youngs Co., Elphonzo	.45
Total	2,479.08
Furniture.	
Hoeke, W. H	52.69
Lansburgh Furniture and Carpet Co., J	78.00
Moses & Sons, W. B	82.25
Woodward & Lothrop	44.50
Total	257.44
Freight.	
Baltimore and Ohio R. R	35.68
Biglin, Bernard	.32
Chesapeake and Ohio Ry. Co	1.37
Knox Express Co., Geo. W	.78
Littlefield, Alvord & Co	22.30
Morse, O. L	1.30
Norfolk and Washington, D. C., Steamboat Co	[illegible]
Pennsylvania R. R. Co	

Name.	Amount.
Freight—Continued.	
Roosa, I. P	$4.00
Southern Ry. Co	4.80
Total	121.83
Express.	
Adams Express Co	148.50
United States Express Co	61.14
Total	209.64
Telegraph.	
Postal Telegraph Cable Co	7.83
Western Union Telegraph Co	69.74
Total	77.57
Telephone.	
The Chesapeake and Potomac Telephone Co	22.40
Rent.	
Phillips, S. L	2,599.96
Royal National Bank	120.00
Shea, John F	1,320.00
Total	4,039.96
Gas and electricity.	
Potomac Electric Power Co	417.66
Washington Gaslight Co	275.50
Total	692.56
Apparatus, instruments, and laboratory material.	
American Distributing Co	47.22
Anthony & Scovill Co	6.40
Bausch & Lomb Opt. Co	323.97
Bell Odometer Works	60.00
Bishop & Co., J	33.04
Bolgian & Co., F. W	13.90
Burch & Kleps	12.00
Christian Bros. Co	2.00
Corbett, Geo. E	41.75
Davis Co., I. H	30.00
Eastman Kodak Co	72.02
Eimer & Amend	145.60
Evans, Henry	23.40
Friez, Julian P	4.00
Gilman, Z. D	123.40
Griemer Co., Emil	15.80
Gurley, W. & L. E	[illegible]
Leese, M. A	[illegible]
Mackall Bros	[illegible]
Merck & Co	[illegible]
Moore, A. L	[illegible]
Parke Davis & Co	[illegible]
Price Machine Co	[illegible]
Pullman, E. J	[illegible]
Rau, John C	[illegible]
Rochester Op[illegible]	[illegible]
[illegible]t & C[illegible]	[illegible]
[illegible]	[illegible]

BUREAU OF SOILS—Continued.

eport of expenditures for the fiscal year ended June 30, 1907, under appropriations "Soil investigations, 1907, $185,000"—Continued.

Name.	Amount.	Name.	Amount.
pparatus, instruments, and laboratory material—Continued.		*Travel and station and field expenses*—Continued.	
hitall, Tatium Co	$111.87	Lee, Ora, jr	$88.80
arnold, Edwin	.20	Lyman, W. S	889.41
		McClintock, J. E	39.35
Total	2,036.53	McGee, W. J	412.85
		McLendon, W. E	1,242.44
ravel and station and field expenses.		McNess, G. T	812.80
		Mackie, W. W	601.99
llen, E. R	295.32	Mangum, A. W	1,563.16
yer, L. W	714.19	Mann, C. J	638.38
yer, O. L	795.62	Mann, Chas. W	29.41
ldon, H. L	88.06	Massey, Geo. B	305.72
ll, James M	33.00	Mathewson, E. H	120.84
nnett, Frank	1,688.88	Meeker, F. N	941.87
nnett, H. H	1,415.05	Mooney, C. N	1,486.04
onsteel, J. A	733.70	Nelson, J. W	344.69
oss, Rudolph	9.60	Patten, H. E	6.00
ritton J. C	1,078.74	Reed, H. S	12.50
rown, B. E	22.07	Reid, F. R	382.02
urgess, J. L	845.80	Rice, Thomas S	1,492.68
ine, Thomas A	998.65	Robinson, W. O	15.75
meron, Frank K	141.68	Rowe, R. W	341.99
rr, M. E	641.51	Sampson, H. O	782.42
rter, W. T., jr	1,058.65	Schreiner, Oswald	70.90
ffey, Geo. N	745.24	Schroeder, Frank C	85.57
ok, C. L	10.17	Shaw, Chas. F	346.23
orsey, C. W	841.26	Shorey, E. C	191.45
rake, Chas. A	37.32	Skinner, J. J	19.68
kman, O. L	60.15	Smith, Howard C	324.85
ly, Charles W	636.03	Smith, W. G	1,177.80
ippin, E. O	331.17	Stewart, J. B	532.36
rdner, F. D	266.62	Strahorn, A. T	463.89
lb, W. J	930.54	Sweet, A. T	35.10
reen, W. W	201.78	Tallby, G. W., jr	53.73
rris, Geo. W	15.19	Tharp, W. E	325.94
earn, W. E	900.16	Warner, J. F	106.45
inson, W. M	932.68	Weinberg, H	4.50
olmes, L. Carl	282.25	Westover, H. L	48.22
urst, L. A	57.50	Whitney, Milton	67.77
nnings, Henry	51.50	Wilder, H. J	597.46
nes, G. B	2,105.93	Winston, R. A	1,330.36
ocher, A. E	1,091.69	Worthen, E. L	1,177.24
pham, M. H	2,331.66		
timer, W. J	12.50	Total	41,311.00

tal amount of appropriation, including $4,000 for rent	$185,000.06
tal expenditures under above groups	183,444.20
Unexpended balance	1,555.74

RECAPITULATION.

atutory salaries	$35,834.70
mp fund salaries:	
In Washington	48,145.49
Outside of Washington	83,033.27
ationery	1,017.45
iscellaneous supplies and services, equipment, books, machinery, etc	2,479.08
rniture	257.44
el	
eight	121.83
press	209.64
legraph	77.57
lephone	22.40
nt	4,039.98
s and electricity	692.58
pparatus, instruments, and laboratory material	2,036.53
inting and binding	
avel and station and field expenses	41,311.00
Total for entire Bureau of Soils	219,278.96
tal amount of appropriations	221,460.00
tal expenditures under above groups	219,278.96
Unexpended balance September 30, 1907	2,181.04
tstanding liabilities (estimated)	226.40
Balance *to be turned back in* Treasury (estimated)	1,954.64

PROJECTS.

The principal projects conducted by the Bureau of Soils during the fiscal ye ended June 30, 1907, were as follows, with approximate cost in each case. The co of these projects has also been charged in each case against the group to which pertains.

Appropriation for the Bureau of Soils		$221,460.(
Unexpended		2,181.(
Total of all allotments expended		219,310.

Expended as follows:

ADMINISTRATION.

Allotment		43,458.
Expended as follows:		
Administration proper	$8,605.09	
Records and correspondence	7,036.24	
Field records and map section	7,598.34	
Editorial section	4,400.00	
Accounts	1,400.00	
Property records	1,083.33	
Messengers, laborers, charwomen, firemen, watchmen, etc.	5,287.00	
Contingent expenses (including rent, telephone, telegraph, freight, express, electricity, gas, furniture, lumber, and repairs)	6,352.05	
Miscellaneous supplies (including stationery, typewriters, supplies, janitors' supplies, etc.)	1,696.29	
		43,458.

[redacted] SOIL SURVEY.

Allotment		89,038.(
Expended as follows:		
Administration expenses	$5,083.34	
Inspection and correlation	2,611.61	
Reconnoissance surveys:		
Appalachian fruit soil	380.87	
Abandoned farms, New York and New England	374.23	
Cotton soils, Alabama	49.37	
Piedmont Plateau	262.47	
Special surveys experiment-station farms	3,509.57	
County and areal surveys:		
Bastrop County, Tex	2,331.25	
Belle Fourche area, S. Dak	552.84	
Blue Earth County, Minn	1,052.82	
Brownsville area, Tex	1,316.62	
Butler County, Ala	1,996.26	
Cass County, Mich	339.34	
Center County, Pa	687.28	
Chesterfield area, Va	1,953.96	
Colusa area, Cal	6,892.78	
Conway County, Ark	1,388.62	
Cooper area, Tex	2,261.75	
Crookston area, Minn	1,133.21	
Dutchess County, N. Y	224.92	
Easton area, Md	143.09	
Edgecombe County, N. C	620.13	
Fayetteville area, Ark	1,188.52	
Giles County, Tenn	60.91	
Grainger County, Tenn	669.60	
Greene County, Ind	649.40	
Henderson County, N. C	155.63	
Jasper County, Miss	2,162.10	
Jefferson County, Fla	2,667.79	
Johnstown area, Pa	319.89	
Lancaster County, Nebr	1,129.75	
Laredo area, Tex	889.04	
McKenzie area, N. Dak	159.77	
Madison County, N. Y	1,167.31	

BUREAU OF SOILS—Continued.

SOIL SURVEY—continued.

County and areal surveys—Continued.		
Madison County, Tenn	$287.81	
Marion County, Ala	2,243.53	
Marion County, Ind	223.13	
Meigs County, Ohio	1,396.50	
Merrimack County, N. H	1,528.73	
Middlebourne area, W. Va	405.02	
Montgomery County, Va	309.89	
Morton area, N. Dak	296.47	
Niagara County, N. Y	2,085.32	
North Platte area, Nebr	398.47	
Oconee County, S. C	106.71	
Oktibbeha County, Miss	2,288.18	
Prairie County, Ark	172.92	
Prentiss County, Miss	1,444.96	
Putnam County, Mo	1,000.88	
Racine County, Wis	483.54	
Ransom County, N. Dak	661.31	
Riley County, Kans	1,350.78	
Robertson County, Tex	2,014.65	
Robeson County, N. C	200.07	
Sumter and Lee counties, S. C	2,845.67	
Talladega County, Ala	1,939.97	
Transylvania County, N. C	881.60	
Whatcom area, Wash	236.27	
Wheeling area, W. Va	354.58	
Wilson County, Tex	1,661.48	
Williston area, N. Dak	764.27	
Winn Parish, La	2,261.83	
Preparation of field reports	7,636.80	
Traveling expenses between areas	3,652.36	
Field supplies	1,519.08	
		$89,038.02

SOIL MANAGEMENT INVESTIGATIONS.

Allotment		22,186.20
Expended as follows:		
Administration and inspection of field work	2,723.32	
Fertilizer requirements of soils	6,433.34	
Plot experiments with fertilizers	1,487.30	
Location of school farms with reference to soil types and preparation of plans for soil utilization	2,980.87	
Investigation of fertilizers and crop rotations as a means of soil improvement	1,200.00	
Investigation of the ratio of fertilizer constituents and the effect of different degrees of moisture and temperature on the efficiency of fertilizers	3,380.00	
Investigation and demonstration of efficient methods of soil management	3,721.84	
General supplies for field and laboratory work	259.53	
		22,186.20

RECLAMATION OF ALKALI LANDS.

Allotment		8,186.71
Expended as follows:		
Administration and inspection	3,037.37	
Demonstration of the proper methods of reclaiming alkali lands, stations at:		
Billings, Mont	312.49	
Fresno, Cal	1,961.09	
North Yakima, Wash	886.65	
Salt Lake City, Utah	189.60	
Tempe, Ariz	1,397.99	
Traveling expenses between stations	355.20	
General supplies	46.32	
		8,186.71

BUREAU OF SOILS—Continued.

TOBACCO INVESTIGATIONS.

Allotment		$24,971.85
Expended as follows:		
Administration and inspection	$3,830.48	
Investigation and demonstration at the following stations:		
Appomattox, Va	2,074.89	
Baldwinsville, N. Y	1,590.95	
Chatham, Va	1,601.79	
Germantown, Ohio	2,305.72	
Marion, Ala	4,714.19	
Palestine, Tex	6,448.16	
Tallahassee, Fla	712.03	
Tariffville, Conn	1,394.80	
Traveling expenses between stations	298.84	
		24,971.85

SOIL FERTILITY INVESTIGATIONS.

Allotment		12,231.46
Expended as follows:		
Investigation of the maintenance of soil fertility	3,600.00	
Investigation of the causes of unproductive soils	2,333.33	
Investigation of the organic origin of unproductivity in soils, and the effect of green manuring	1,515.00	
Investigation of means for improvement of unproductive soils	2,375.00	
Investigation of the effects of fertilizers on soils	608.89	
Field investigation of soil fertility problems in cooperation with experiment stations	1,292.77	
Traveling expenses between field assignments	245.40	
General field and laboratory supplies	261.07	
		12,231.46

LABORATORY INVESTIGATIONS.

Allotment		17,970.56
Expended as follows:		
Physical soil investigations, including	4,259.44	
(a) Conservation of soil moisture.		
(b) Relation of soil moisture to physical condition of soil.		
(c) Flocculation, sedimentation, and erosion of soils.		
(d) Absorption of vapors and gases by soils.		
(e) Retention and conservation of fertilizer ingredients by soils.		
(f) Leaching of soils.		
Chemical investigations, including	4,355.45	
(a) Phosphates of soils and fertilizers.		
(b) Nitrogen-carrying fertilizers.		
(c) Chemical and mineralogical composition of soil separates.		
(d) Solubility of soil minerals.		
(e) Iron compound of the soil.		
(f) Rectification of mine waters for irrigation.		
(g) Investigation of routine methods of analysis.		
(h) Field demonstrations.		
Chemical and physical investigations of alkali soils	3,474.45	
Mechanical analyses of soil types	3,242.33	
Unclassified analytical work	1,769.44	
Designing and repairing apparatus for field and laboratory studies	869.45	
		17,970.56

SOIL EROSION.

Allotment		1,235.02
Expended as follows:		
Reconnoissance study of the effect of erosion on agricultural lands		1,235.02

BUREAU OF ENTOMOLOGY.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Entomology, 1907, $19,610."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
L. O	Chief of Bureau, at $3,250	$3,250.00	$967.15
R. S	Chief clerk, at $1,800	1,800.00	87.02
, R. C	Clerk class 2	1,400.00	.....
ey, Mary G	....do	1,400.00	.....
W. F	....do	1,400.00	.....
ein, L. L	Artist, at $1,400	1,400.00	.....
lmer C	Clerk class 1	1,200.00	.....
Mabel	....do	1,200.00	24.22
T. A	Clerk at $1,000	1,000.00	.....
essie E	....do	1,000.00	.....
E. R	....do	1,000.00	.....
John F	....do	833.34	.....
[ra J	....do	1,000.00	38.70
, Wm. S	Messenger, at $840	840.00	.....
Charles S	Messenger, at $720	720.00	.....

ıount of appropriation	$19,610.00
ıount paid for salaries	19,443.34
expended balance	166.66

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations, 1907, $70,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ı *Washington.*			
C. L	Entomologist, at $2,750	$2,750.00	$7.78
en, F. H	Assistant, at $2,650	2,318.75	7.78
lathan	Assistant, at $1,800	1,800.00	32.95
, D. W	....do	1,800.00	.....
ɔ, Theo	Assistant, at $1,600	1,600.00	.....
ugust	Assistant, at $1,400	1,400.00	.....
. J	....do	1,400.00	.....
nn, Otto	....do	1,400.00	2.00
olla P	Assistant, at $1,200 and $1,400	1,383.34	.....
ıce, A. L	Special agent, at $2,500	2,500.00	381.05
F. M	....do	2,500.00	281.13
. F	Special agent, at $1,400	1,283.33	511.40
J. G	....do	1,400.00	7.55
. W	Special agent, at $1,000	211.10	106.75
C. H	....do	38.89	.....
J. F	....do	166.66	.....
nklin G	Special agent, at $900	207.50	4.40
t, Paul	....do	75.01	.....
James H	Special agent, at $720	240.00	.....
eslie	....do	120.00	5.60
A. E	Special agent, at $60 per month	60.00	.....
. F	Expert, at $150 per month	450.00	.....
erbert H	Expert, at $1,500	250.00	.....
F. D	Expert, at $1,000	1,000.00	61.52
s, R. E	Expert, at $600 and $1,200	693.33	.....
E. F	Expert apiculturist, at $1,600, and expert, at $2,250.	1,702.91	586.67
nes W	Expert apiculturist, at $60 per month	60.00	2.20
E. B	Clerk, at $1,200	86.67	.....
ederick	Entomological draftsman, at $1,000	83.33	7.78
B	Expert preparator, at $720	360.00	.....
d, C. H. T	Expert preparator, at $50 per month	211.67	107.05
. H	Expert preparator, at $40 per month	377.33	.....

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations, 1907, $70,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Continued.			
Havenstein, P. W	Expert preparator, at $40 per month	$93.33	
Yerby, E. Dudley	do	100.00	
Van Horn, R. W	Expert preparator, at $25 per month	150.00	
Marshall, M	Stenographer and typewriter, at $70 per month	252.00	
Rozzole, Keith K	Assistant messenger, at $720	300.00	
Keleher, W. A	Silk culturist, at $840	840.00	
Rey, Marie	Silk culturist, at $600	300.00	
Clayton, Mabel F	Silk reeler, at $480	240.00	
King, Bessie	do	240.00	
Klopfer, Nettie S	do	240.00	
Locke, Jennie	do	240.00	
Ritchie, E	do	240.00	
Cratty, James A	Plumber, at $4 per diem	48.00	
Davis, F. C	Painter, at $3.50 per diem	616.00	
Smith, Andrew J	do	178.50	
Reeves, John L	Laborer, at $660 and $720	685.00	
Anthony, Maria	Charwoman, at $480	480.00	
Murray, J. C. R	do	480.00	
Noone, Sarah	Charwoman, at $240	20.00	
Shannon, Clara	do	220.00	
Total		35,892.65	
Out of Washington.			
Benton, Frank	Agricultural investigator, at $2,250	1,500.00	$621.60
Hopkins, A. D	Special agent, at $2,500	2,500.00	78.15
Maskew, F	Special agent, at $150 per month	185.00	90.45
Moulton, Dudley	Special agent, at $1,500	1,500.00	421.85
Burke, H. E	Special agent, at $1,400	1,400.00	458.20
Johnson, Fred	do	1,400.00	401.54
Webb, J. L	do	1,399.99	305.60
Girault, A. Arsene	Special agent, at $1,200	1,200.00	389.70
Phillips, W. J	do	1,100.00	608.97
Reeves, Geo. I	do	1,200.00	389.85
Ball, Elmer D	Special agent, at $100 per month	300.00	
Ainslee, Chas. N	Special agent, at $1,000	916.67	460.21
Jenne, E. L	do	250.00	260.40
Jones, Paul R	do	166.67	41.70
Rankin, J. M	do	1,000.00	600.85
Rosenfeld, A. H	do	163.88	35.14
Russell, Harry M	do	41.67	120.23
Spooner, Chas. S	do	291.67	388.35
Wilson, Wm. B	Special agent, at $720	152.00	36.35
Smith, Aaron	Laborer, at $50 per month	600.00	
Chambliss, C. E	Collaborator, at $12	12.00	
Gates, Burton N	Collaborator, at $1 per month	5.00	24.00
Total		17,284.55	

BUREAU OF ENTOMOLOGY—Continued.

f expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations, 1907, $70,000"—Continued.

Name.	Amount.
Stationery.	
., R. Carter	$17.94
t expenses, Department of	
ure	432.00
eau	5.10
ureau	145.04
Paper Co., E	4.75
Frank	1.13
red A	30.45
L.	11.80
ites Envelope Co	21.55
& Erbe Manufacturing Co	1.69
l	671.45
ellaneous supplies, etc.	
Entomological Co	136.50
& Sons, Wm	9.25
Ross	1.00
L	31.50
ge	11.99
E. (Mrs.)	7.63
Joseph	6.50
Co., J	2.49
& Co., F. W	1.70
n	20.00
per Box Co	31.32
action Co	15.00
Mary J	252.00
L. L	83.52
Stephenson	165.86
Manufacturing Co	5.00
niel H	20.00
	45.00
anufacturing Co	34.57
	41.55
& Clark	2.00
& Co., L. C	15.54
W. H	3.00
artin Co	5.80
M	4.25
H	2.72
Co., James	5.04
an B	110.65
& Co	9.00
nufacturing Co	239.07
Manning	7.20
nufacturing Co	188.00
n, Mrs. Mica	43.00
ardware Co	1.50
rry H	7.30
rdware Co	9.30
es S	30.00
niel	3.85
gar J	6.00
ward	20.00
F	3.83
oap Gran. Co	12.08
Mailing Case Co	9.00
Fratelli	9.46
Co	1.30
A	20.00
raving Co., H. C	37.23
P	15.75
raving Co., M	2.00
& Co., S	5.93
Switchboard and Supply y	24.77
E	20.00
Tobacco Product Co	9.75
mber Co	5.18
A	20.00
ilden	6.35
. (Incorporated), Jas. B	13.00
Miscellaneous supplies, etc.—Con.	
Lockhart & Co., F. A	$6.00
Longier, Felix	2.46
Lovejoy Co	21.46
McChesney, A. R	3.75
McDowell, Jno. B	20.00
Marshall, C. G	7.00
Modary, M. R	4.45
Miller, V. D	.75
Monarch Typewriter Co	333.00
Moore, J. P	5.50
Moore & Wood	4.89
Morrill & Morley	37.72
Morss & Whyte Co	12.50
Morton Bros	48.50
Murray, S. B	36.15
Muth & Co., Geo. F	29.20
Niagara Sprayer Co	18.75
Noel, Paul	28.95
Olden Fruit Company	37.38
Ousanni, J	49.02
Perry, C. W	20.00
Randolph Paper Box Co	16.50
Ratliff, Walter S	20.00
Rau, John C	25.02
Redaelli & Figli, A	492.16
Reilly, Hugh	27.01
Remington Typewriter Co	39.85
Robinson, J. T	20.00
Root Company, The A. I	50.38
Roudebush, Lowell	20.00
Rudolph & West Co	12.26
Scientific Engraving Co	8.00
Shea, N. H	29.53
Shedd & Bros. Co., S. S	21.65
Shore, Chas	4.25
Sierra Lumber Company	74.10
Smith Company, W. & T	21.25
Somerville Company, Thos	11.56
Southern Printers' Supply Company	83.77
Stearns, Jas. D	20.00
Swain & Sons, F. G	2.00
Thiemeyer Company, J. H	9.60
Thompson, John	20.00
Thompson, Joseph	10.12
Trotter, Alex	7.00
Washington Wood Working Company	64.50
Weeks, E	5.00
Woodward & Lothrop	17.00
Woolworth & Co., F. W	.60
Youngs Company, Elphonzo	10.00
Total	3,580.36
Furniture.	
Gottwals, W. O	55.00
Library Bureau	266.50
Moses & Sons, W. B	93.00
Woodward & Lothrop	4.69
Total	419.19
Freight.	
Baltimore & Ohio R. R. Co	1.83
Littlefield, Alvord & Co	12.96
St. Louis & San Fran. R. R. Co	14.60
Pennsylvania R. R. Co	2.19
Roosa, I. P	27.00
Total	58.58

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations, 1907, $70,000"—Continued.

Name.	Amount.
Express.	
Adams Express Company	$791.99
United States Express Company	489.91
Total	240.90
Telegraph.	
Postal Telegraph Cable Company	24.27
Western Union Telegraph Company	95.41
Total	119.68
Telephone.	
The Chesapeake and Potomac Telephone Company	32.20
Rent.	
Henry, Mrs. Sarah E	720.00
Jones, Alice M	12.00
Loop, A. I	60.00
Roethke, R. T	22.80
Total	814.80
Gas and electricity.	
Potomac Electric Power Company	6.80
Washington Gas Light Company	83.70
Total	92.50
Apparatus, instruments, and laboratory material.	
Albernathy Drug Company	1.10
Bausch & Lomb Optical Company	258.54
Feast & Co., H. D	66.75
Gilman, Z. D	22.05
Green, Henry J	5.00
Groiner Company, Emil	9.43
Heil Chemical Company, Henry	14.25
Ing & Allen Company	36.50
Kny Scheerer Company	9.00
McElroy, J. N	.40
Mackall Brothers	30.43
Merrimac Chemical Company	113.60
Pullman, E. J	23.28
Rouse & Son, W. P	120.00
Salchow & Baldwin	43.50
Slingerland, M. V	4.00
Spencer Lens Company	207.59
Thomas Company, Arthur H	$179.99
Thomas Chemical Company	40.88
Wagner Photo Company, H. G	32.00
Whitall Tatum Company	170.22
Total	1,398.61
Travel and station and field expenses.	
Ainslie, C. N	460.31
Bain, J. W	2.20
Beattie, James H	18.13
Benton, Frank	621.08
Burke, H. E	456.29
Caudell, A. N	287.40
Chittenden, F. H	7.78
Clifton, R. S	87.02
Colcord, Mabel	24.22
Condit, Ira J	38.78
Fiske, W. F	511.49
Foster, S. W	106.75
Fox, F. G	4.49
Gates, B. N	24.00
Girault, A. A	369.70
Heidemann, Otto	2.00
Hopkins, A. D	78.15
Howard, L. O	369.25
Johnson, Fred	401.54
Jones, C. R	7.35
Jones, Paul R	41.70
Knob, Frederick	7.78
Marlatt, C. L	7.78
Martin, Leslie	5.00
Maskew, F	90.45
Moulton, Dudley	420.27
Phillips, E. F	586.67
Phillips, W. J	698.97
Quaintance, A. L	381.06
Rankin, J. M	699.86
Reeves, Geo. I	388.86
Rosenfeld, A. H	35.14
Russell, H. M	130.23
Sanders, J. G	7.55
Spooner, Chas. S	388.35
Townsend, C. H. T	167.06
Webb, J. L	305.09
Webster, F. M	283.13
White, G. F	167.45
Wilson, W. B	36.35
Total	8,395.81

Total amount of appropriation	$70,000.00
Total expenditures under above groups	68,991.28
Unexpended balance	1,008.72
Repayment to credit of appropriation	9.50
Net unexpended balance	1,018.22

BUREAU OF ENTOMOLOGY—Continued.

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations (white fly), 1907, $5,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
orrill, Austin W	Special field agent, at $1,600	$1,600.00	$929.14
ussell, Harry M	Special field agent, at $1,000	125.00	.....
rong, Stephen	Special agent, at $200 per month	400.00	259.44
Total		2,125.00	.....

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations (white fly), 1907, $5,000"—Continued.

Name.	Amount.
Stationery.	
ranch, W. S	$1.00
irtis & O'Neal	12.97
rew Co., H. & W. B	10.06
uernsey, Jos. L	1.25
en Carbon Manifold Co	1.80
Total	27.08
Miscellaneous supplies, etc.	
bernethy Drug Co	3.85
merican Entomological Co	6.59
arker, George A	10.50
oone, C. A., jr	2.00
umby, Joseph	11.15
ickson & Ives	2.50
rew Co., H. & W. B	4.45
spey, John B	15.36
reen, Alvin	.75
olmes Hardware Co	120.44
oogee Co., W. H	99.40
ubbard Co., S. B	46.95
hnson & Waite	2.10
oore, Mrs. Wm. S	1.80
rlando Novelty Works and Lumber Yards	14.40
rlando Water and Light Co	6.15
orter, J. H	2.40
ratt Co., B. G	2.00
eporter Star Publishing Co	1.00
obinson, C. B	.75
hnarr & Co., J	1.60
reve, H. A	18.15
uth Florida Foundry and Machine Works	1.00
eir & Co., Clinton E	3.15
hayer, Hovey Soap Co	2.40
sner, H. S	1.12
estover, E. H	25.72
owell, N. P	15.76
Total	427.47
Furniture.	
rew Co., H. & W. B	2.50

Name.	Amount.
Fuel.	
Magruder, J. B	$2.00
Freight.	
Hyer, R. L	3.00
Express.	
Adams Express Co	18.26
Telegraph.	
Postal Telegraph Cable Co	.87
Western Union Telegraph Co	9.80
Total	10.67
Telephone.	
Orlando Telephone Exchange	1.50
Rent.	
Beggs & Palmer	127.50
Cheney, J. M	168.63
Total	296.13
Apparatus, instruments, and laboratory material.	
Abernethy Drug Co	19.35
Bausch & Lomb Optical Co	73.85
Bumby, Jos	3.15
Chase & Co	42.00
Cramer Dry Plate Co., G	9.91
Drew Co., H. & W. B	32.60
Florida Drug and Chemical Co	.26
Friez, Julian P	75.00
Groover, Stewart Drug Co	84
McElroy, J. M	1.00
Moore, A. L	154.15
Painter Fertilizer Co., E. O	40.28
Pullman, E. J	6.50
Queen & Co. (Incorporated)	5.09
Shreve, H. A	2.50

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations (white fly), 1907, $5,000"—Continued.

Name.	Amount.	Name.	Amount.
Apparatus, instruments, and laboratory material—Continued.		*Travel and station and field expenses.*	
		Crawford, J. C	$100.80
Southern Drug Manufacturing Co	$0.63	Hooker, W. A	159.40
Tampa Drug Co	46.52	Morgan, A. C	115.12
Thomas Co., Arthur H	22.11	Morrill, A. W	813.49
Walker, Edward	3.00	Strong, Stephen	259.44
Total	538.74	Total	1,448.25

Total amount of appropriation	$5,000.00
Total expenditures under above groups	4,900.60
Unexpended balance	99.40

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $85,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Chittenden, F. H	Assistant, at $2,650	$331.25	
Leister, Austin J	Clerk, at $1,200 and $1,400	1,300.00	
Goll, George P	Special agent, at $1,200	600.00	
Total		2,231.25	
Out of Washington.			
Hunter, Walter D	Special agent, at $2,750	2,750.00	$1,473.82
Hinds, W. E	Special agent, at $1,800	1,800.00	227.60
Paulson, T. C	Special agent, at $125 per month	312.50	311.75
Bishopp, F. C	Special agent, at $1,400	1,400.00	1,370.14
Crawford, J. C., jr	....do	1,224.99	830.70
Goes, Springer	....do	583.34	678.64
Hooker, W. A	....do	1,400.00	334.45
Morgan, A. C	....do	1,400.00	1,419.82
Pierce, W. Dwight	....do	1,400.00	396.09
Yothers, W. W	....do	1,400.00	518.25
Buckner, A. W	Special agent, at $100 per month	353.33	405.88
Cushman, Robert A	....do	1,170.00	620.25
Flynn, C. W	....do	900.00	618.20
Garrett, Julius B	....do	800.00	339.95
Hood, Clarence E	....do	300.00	387.30
McLachlan, Argyle	....do	1,200.00	693.88
Mitchell, J. D	....do	1,200.00	824.95
Newell, Wilmon	....do	1,200.00	455.22
Jones, C. R	Special agent, at $1,100 and $1,300	816.67	834.55
Spooner, C. S	Special agent, at $1,000	125.00	
Jordan, B. T	Special agent, at $60 per month	720.00	175.32
Rose, Leo B	....do	720.00	
Gilson, W. H	Special agent, at $50 per month	350.00	278.70
Schwarz, E. A	Assistant, at $2,000	2,000.00	192.70
Pratt, F. C	Assistant entomologist, at $1,400 and $1,600	1,583.33	1,144.25
Doyle, C. B	Expert, at $100 per month	1,200.00	
Sanborn, Chas. E	Expert entomologist, at $85 per month	1,020.00	486.23
Blesi, Edward	Clerk, stenographer, and typewriter, at $75 per month, and clerk, at $1,200 per annum.	1,125.00	114.35
Harris, Ralph B	Clerk, stenographer, and typewriter, at $75 per month.	122.50	
Sorrell, Roy H	Stenographer and typewriter, at $900	567.50	
Lomanitz, Sebastian	Laborer, at $45 per month	135.00	
Pettit, Alvis K	Laborer, at $35 and $45 per month	470.00	
Lasseter, Thos. W	Laborer, at $37.50 per month	112.00	
Meade, Rowland M	Temporary field agent, at $25, and field agent, at $40 per month.	454.17	333.43
Total		32,315.83	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $85,000"—Continued.

Name.	Amount.
Stationery.	
Dorsey Printing Co	$169.15
Exline Co., M. P	99.25
Lake & Co., Fred L	1.50
Texas Paper Co	25.00
Total	294.90
Miscellaneous supplies, etc.	
Alexander Seed Co	19.20
American Entomological Co	125.35
Appel & Burwell	7.35
Arnold, Henry A	10.00
Baird, A. D	32.50
Broggins, M. R	54.00
Burnitt, Seth	40.40
Burrelles Press Clipping Co. Bureau	60.00
Butler, James Melvin	15.00
Citizens' Planing Mill Co	233.70
Clement, J. C	44.02
Coates, H. C	44.60
Cook, J. R	13.52
Craig, W. R	22.86
Culpepper, J. E	16.16
Dallas Cooperage and Woodenware Co	114.24
Dallas Gas Co	5.00
Dallas Ice and Fuel Co	16.10
Dallas Stable	448.00
Dallas Tent and Awning Co	25.75
Dallas Transfer and Cab Co	197.33
Damstrom, C. J	118.32
Damstrom, Victor	102.41
Deming Co	107.64
Dennis & Co., R. T	50.90
Dickson & Ives	2.50
Donnelly, John	9.00
Dozier, M. D	14.07
Drake, R. W	12.20
Exline Co., M. P	19.80
Fiebrig, K	100.00
Fitche-Goettinger Co	9.67
Franklin, W. T	132.75
Fulton Bag and Cotton Mills	23.63
Gilson, F. J	70.00
Glass, J. N	153.03
Greer, L. F	18.45
Hammond Co., T. W	15.00
Hardie Seed Co., David	4.05
Hastings & Co., H. G	14.57
Hutmann Co., F. W	49.99
Holmes, B. L	18.24
Hulse, Edgar J	37.50
Illingworth, W	200.00
Jenks, W. S	12.24
Johnson, C. O	162.36
Keithly, C. E	232.11
Kentucky Product Tobacco Co	11.88
Lake & Co., Fred L	3.75
Lambie Co. (Inc.), Jas. B	1.00
Larson, Nels	131.25
Layton, R. D	24.65
Lee, E. E	16.94
Little, J. C	9.44
Lomanitz, Sebastin	17.37
Lawrence, J. L	321.00
McGinnis, N. M	3.50
McNeely, D. L	99.25
McWhirk, A	15.75
Mackinson, Olof	22.00
Markham, G. C	10.60
Markham Lumber Co., J. L	11.39
Miller, E. J	28.95
Monarch Typewriter Co	80.00
Moore, C. F	22.00
Murray, S. B	3.95
Miscellaneous expenses, etc.—Con.	
Peterson, Charles	$185.24
Post-Office Department	.80
Randolph Paper Box Co	13.00
Remington Typewriter Co	100.00
Rublee, Chas. A	25.00
Samuelson, C	54.24
Sanger Bros	5.14
Saucier, Leon	8.00
Scientific Engraving Co	12.00
Skoberg, J. F	182.00
Smith, B. F	91.85
Smith, J. B	1.00
Sodekson, N. S	200.00
Stevens Co., Lloyd M	97.60
Stenson, P. A	261.82
Swanson, Gust	233.52
Tackett, W. M	11.85
Texas and Floral Co	18.20
Thomson, H. N	466.78
Titche-Goettinger Co	19.13
Traylor, B. K	26.04
Traylor, John	22.96
Turner, G. A	90.00
Ward, Mrs. B. F	52.67
Ward, Dan	57.02
Wilbern, H. K	126.45
Willet Co., N. L	32.22
Wilson, Edward	155.76
Wilson, F. D	10.00
Woodward & Lothrop	4.50
Yothers, Maud	16.00
Total	6,730.29
Furniture.	
Dennis & Wigley Co., R. T	12.00
Exline Co., M. P	83.90
Hoeke, W. H	44.70
Library Bureau	95.50
Swayze, W. L	2.90
Woodward & Lothrop	15.86
Total	254.86
Fuel.	
Bruce, Lee	8.50
Dallas Ice and Fuel Co	22.50
Thornton, R. H	6.00
Total	37.00
Freight.	
Dallas Transfer and Cab Co	519.76
Gulf, Colorado & Santa Fe Ry. Co	1.52
Murray, S. B	1.00
Murphy, W. Y	6.40
Perkins, J. H	9.10
Total	537.78
Express.	
Adams Express Co	63.43
Bausch & Lomb Optical Co	3.30
United States Express Co	42.48
Total	109.21
Telegraph.	
Postal Telegraph-Cable Co	19.53
Postal Telegraph-Cable Co., of Texas	17.47

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Entomological investigations (white fly), 1907, $5,000"—Continued.

Name.	Amount.	Name.	Amount.
Apparatus, instruments, and laboratory material—Continued.		*Travel and station and field expenses.*	
		Crawford, J. C	$100.80
Southern Drug Manufacturing Co	$0.63	Hooker, W. A	159.40
Tampa Drug Co	46.52	Morgan, A. C	115.12
Thomas Co., Arthur H	22.11	Morrill, A. W	812.40
Walker, Edward	3.00	Strong, Stephen	259.44
Total	538.74	Total	1,448.25
Total amount of appropriation			$5,000.00
Total expenditures under above groups			4,900.00
Unexpended balance			99.40

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $85,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Chittenden, F. H	Assistant, at $2,650	$331.25	
Leister, Austin J	Clerk, at $1,200 and $1,400	1,300.00	
Goll, George P	Special agent, at $1,200	600.00	
Total		2,231.25	
Out of Washington.			
Hunter, Walter D	Special agent, at $2,750	2,750.00	$1,473.82
Hinds, W. E	Special agent, at $1,800	1,800.00	227.60
Paulson, T. C	Special agent, at $125 per month	312.50	311.75
Bishopp, F. C	Special agent, at $1,400	1,400.00	1,370.14
Crawford, J. C., jr	....do	1,224.99	830.70
Goes, Springer	....do	583.34	678.64
Hooker, W. A	....do	1,400.00	334.45
Morgan, A. C	....do	1,400.00	1,419.82
Pierce, W. Dwight	....do	1,400.00	398.09
Yothers, W. W	....do	1,400.00	518.25
Buckner, A. W	Special agent, at $100 per month	353.33	405.88
Cushman, Robert A	....do	1,170.00	620.25
Flynn, C. W	....do	900.00	618.20
Garrett, Julius B	....do	800.00	339.95
Hood, Clarence E	....do	300.00	387.20
McLachlan, Argyle	....do	1,200.00	698.88
Mitchell, J. D	....do	1,200.00	824.95
Newell, Wilmon	....do	1,200.00	455.22
Jones, C. R	Special agent, at $1,100 and $1,300	816.67	834.55
Spooner, C. S	Special agent, at $1,000	125.00	
Jordan, B. T	Special agent, at $60 per month	720.00	175.32
Rose, Leo B	....do	720.00	
Gilson, W. H	Special agent, at $50 per month	350.00	278.70
Schwarz, E. A	Assistant, at $2,000	2,000.00	192.70
Pratt, F. C	Assistant entomologist, at $1,400 and $1,600	1,583.33	1,144.25
Doyle, C. B	Expert, at $100 per month	1,200.00	
Sanborn, Chas. E	Expert entomologist, at $85 per month	1,020.00	486.23
Blesi, Edward	Clerk, stenographer, and typewriter, at $75 per month, and clerk, at $1,200 per annum.	1,125.00	114.35
Harris, Ralph B	Clerk, stenographer, and typewriter, at $75 per month.	122.50	
Sorrell, Roy H	Stenographer and typewriter, at $900	567.50	
Lomanitz, Sebastian	Laborer, at $45 per month	135.00	
Pettit, Alvis K	Laborer, at $35 and $45 per month	470.00	
Lasseter, Thos. W	Laborer, at $37.50 per month	112.00	
Meade, Rowland M	Temporary field agent, at $25, and field agent, at $40 per month.	454.17	333.43
Total		32,315.83	

BUREAU OF ENTOMOLOGY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $85,000"—Continued.

Name.	Amount.
Stationery.	
Printing Co	$169.15
o., M. P	99.25
Co., Fred L	1.50
aper Co	25.00
tal	294.90
scellaneous supplies, etc.	
er Seed Co	19.20
n Entomological Co	125.35
Burwell	7.35
Henry A	10.00
D	32.50
s, M. R	54.00
Seth	40.40
s Press Clipping Co. Bureau	60.00
ames Melvin	15.00
Planing Mill Co	233.70
J. C	44.02
H. C	44.60
R	13.52
R	22.86
er, J. E	16.16
operage and Woodenware Co	114.24
as Co	5.00
e and Fuel Co	16.10
table	448.00
ent and Awning Co	25.75
ransfer and Cab Co	197.33
m, C. J	118.32
m, Victor	102.41
Co	107.64
& Co., R. T	50.90
& Ives	2.50
,John	9.00
M. D	14.07
. W	12.20
o., M. P	19.80
K	100.00
oettinger Co	9.67
, W. T	132.75
ag and Cotton Mills	23.63
. J	70.00
N	153.03
. F	18.45
d Co., T. W	15.00
eed Co., David	4.05
& Co., H. G	14.57
n Co., F. W	49.99
B. L	18.24
dgar J	37.50
rth, W	200.00
. S	12.24
, C. O	162.36
C. E	232.11
y Product Tobacco Co	11.88
o., Fred L	3.75
Co. (Inc.), Jas. B	1.00
Nels	131.25
R. D	24.65
	16.94
. C	9.44
z, Sebastin	17.37
e, J. L	321.00
s, N. M	3.50
, D. L	99.25
k, A	15.75
n, Olof	22.00
n, G. C	10.60
n Lumber Co., J. L	11.39
. J	28.95
Typewriter Co	80.00
. F	22.00
S. B	3.95

Name.	Amount.
Miscellaneous expenses, etc.—Con.	
Peterson, Charles	$185.24
Post-Office Department	.80
Randolph Paper Box Co	13.00
Remington Typewriter Co	100.00
Rublee, Chas. A	25.00
Samuelson, C	54.24
Sanger Bros	5.14
Saucier, Leon	8.00
Scientific Engraving Co	12.00
Skoberg, J. F	182.00
Smith, B. F	91.85
Smith, J. B	1.00
Sodekson, N. S	200.00
Stevens Co., Lloyd M	97.60
Stenson, P. A	261.82
Swanson, Gust	233.52
Tackett, W. M	11.85
Texas and Floral Co	18.20
Thomson, H. N	466.78
Titche-Goettinger Co	19.13
Traylor, B. K	26.04
Traylor, John	22.96
Turner, G. A	90.00
Ward, Mrs. B. F	52.67
Ward, Dan	57.02
Wilbern, H. K	126.45
Willet Co., N. L	32.22
Wilson, Edward	155.76
Wilson, F. D	10.00
Woodward & Lothrop	4.50
Yothers, Maud	16.00
Total	6,730.29
Furniture.	
Dennis & Wigley Co., R. T	12.00
Exline Co., M. P	83.90
Hoeke, W. H	44.70
Library Bureau	95.50
Swayze, W. L	2.90
Woodward & Lothrop	15.86
Total	254.86
Fuel.	
Bruce, Lee	8.50
Dallas Ice and Fuel Co	22.50
Thornton, R. H	6.00
Total	37.00
Freight.	
Dallas Transfer and Cab Co	519.76
Gulf, Colorado & Santa Fe Ry. Co	1.52
Murray, S. B	1.00
Murphy, W. Y	6.40
Perkins, J. H	9.10
Total	537.78
Express.	
Adams Express Co	63.43
Bausch & Lomb Optical Co	3.30
United States Express Co	42.48
Total	109.21
Telegraph.	
Postal Telegraph-Cable Co	19.53
Postal Telegraph-Cable Co., of Texas	17.47

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $85,000"—Continued.

Name.	Amount.
Telegraph—Continued.	
Western Union Telegraph Co.	$21.90
Western Union Telegraph Co., Dallas Texas	26.32
Total	85.22
Telephone.	
Southwestern Telegraph and Telephone Co.	67.45
Rent.	
Hayes, M. P.	480.00
McCan, J. F.	192.00
Total	672.00
Apparatus, instruments, and laboratory material.	
Bausch & Lomb Optical Co.	255.74
Buckingham, I. T.	84.10
Friez, Julian P.	83.37
Graham, Andrew R.	24.00
Green, Henry J.	48.10
Kny-Scheerer Co.	34.50
Spencer Lens Co.	115.36
Stevens & Co., Lloyd M.	23.60
Thomas Co., Arthur H.	34.40
Virginia-Carolina Chemical Co.	1,769.25
Welchsel Co., C.	174.98
Whitall Tatum Co.	42.48
Total	2,689.88

Name.	Amount.
Travel and station and field expenses.	
Banks, Nathan	$39.25
Bishop, F. C.	1,370.14
Blesi, Edward	114.35
Buckner, A. W.	405.88
Crawford, J. C.	536.05
Cushman, R. A.	620.75
Flynn, C. W.	618.20
Garrett, J. B.	339.95
Gilson, W. H.	278.70
Goes, Springer	678.64
Hinds, W. E.	227.60
Hood, Clarence E.	387.30
Hooker, W. A.	188.05
Howard, L. O.	114.40
Hunter, W. D.	1,473.82
Jones, C. R.	827.20
Jordan, B. T.	175.22
McLachlan, Argyle	693.88
Meade, Rowland M.	275.98
Mitchell, J. D.	824.95
Morgan, A. C.	1,300.70
Morrill, A. W.	115.55
Newell, Wilmon	455.22
Paulson, T. C.	311.75
Pierce, W. Dwight	396.08
Pratt, F. C.	1,144.25
Sanborn, C. E.	486.23
Schwarz, E. A.	192.70
Yothers, W. W.	442.45
Total	15,132.49

Total amount of appropriation		$85,000.00
Total expenditures under above groups	$61,158.16	
Advance to Geo. P. Goll, temporary disbursing agent	2,787.63	
Advance to H. Pittier, temporary disbursing agent	736.99	
		64,682.78
Unexpended balance		20,317.22
Repayment to credit of appropriation		8.73
Net unexpended balance		20,325.95

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton boll weevil investigations, 1907, $85,000"—Continued.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Seth Burnett	Growing cotton for investigations concerning the boll weevil.	$40.40
M. L. Cavallin	Experiment in destruction of boll weevil	83.53
H. C. Coates	....do	44.60
Dallas Transfer and Cab Co.	Payment of freight charges on cotton seed and fertilizers in Texas.	448.31
C. J. Damstrom	Experiment in destruction of boll weevil	118.33
Victor Damstrom	....do	102.41
W. T. Franklin	Growing of cotton for investigations concerning the boll weevil.	132.75
B. L. Holmes	Experiment in destruction of boll weevil	18.24
C. O. Johnson	....do	162.26
Neis Larson	....do	131.25

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Cotton-boll weevil investigations, 1907, $85,000"—Continued.

CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
J. L. Lourance	Growing of cotton for investigations concerning the boll weevil.	$300.00
Olof Markinson	Experiment in destruction of boll weevil	22.00
Charles Peterson	do	185.24
C. Samuelson	do	54.24
C. F. Skoberg	do	182.00
B. F. Smith	do	91.85
N. S. Sodekson	Growing of cotton for investigations concerning the boll weevil.	200.00
P. A. Svenson	Experiment in destruction of boll weevil	261.82
Gust Swanson	do	236.52
John Traylor	do	22.96
R. K. Traylor	do	26.04
Mrs. B. F. Ward	do	52.67
H. K. Willbern	Growing of cotton for investigations concerning the boll weevil.	126.45
Edward Wilson	Experiment in destruction of boll weevil	155.76
Total		3,196.71

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Crawford, J. C	Special agent, at $1,400	$175.01	
O'Leary, E. B	Clerk, at $1,200, and $1,400	1,200.00	
Townsend, C. H. T	Expert preparator, at $1,200	500.00	
Knab, Frederick	Entomological draftsman, at $1,000	916.67	
Total		2,791.68	
Out of Washington.			
Rogers, Dexter M	Special field agent, at $2,600	2,600.00	$617.33
Fiske, W. F	Special fieid agent, at $1,800	150.00	
Titus, E. S. G		1,800.00	200.89
Caudell, A. N	Assistant, at $1,200	1,200.00	296.70
Dalton, Harry B	Clerk, stenographer and typewriter, at $900	827.50	
Abrams, Jacob	Laborer, at $1.60 per diem	27.20	
Adams, Samuel D	do	8.80	
Arnold, A. S	do	24.00	
Bilson, Charlie	do	8.80	
Capolle, Robt. E	do	129.60	
Chase, Frank H	do	6.40	
Downes, James E	do	241.60	
Grant, Max L	do	9.60	
Higginson, Wm. H	do	26.40	
Kanahan, J. M	do	28.00	
Kelly, Martin J	do	97.60	
McGingan, Geo. D	do	6.40	
Mountain, D. J	do	133.80	
Peckham, Earle W	do	70.40	
Pelkey, Walter S	do	186.60	
Pierce, Arnold S	do	237.80	
Semonoff, Leon	do	9.60	
Thurston, Arthur P	do	74.20	
Toomey, John J	do	42.40	
White, Benj. L	do	84.20	
Whitehead, Geo. W	do	13.60	
Casey, Daniel P	Laborer, at $1.60 and $2 per diem	285.80	
Donnolly, M. F	do	307.40	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Gilbert, R. W.	Laborer, at $1.60 and $2 per diem.	$148.55	
Moran, Thomas F	do	363.65	
Polk, Clifton C.	Laborer, at $1.60 and acting foreman, at $2 per diem.	390.55	
Toomey, Michael J.	Laborer, at $1.60 and $2 per diem	122.60	
Toomey, Patrick J.	do	358.85	
Huntington, John C.	Laborer, at $1.60, subforeman, at $2, and scout, at $2.40 per diem.	394.00	
Polk, Wm. C.	Laborer, at $1.60, $1.65, $2, and scout, at $2.40 per diem.	471.25	
Eldredge, Elmer E.	Laborer, at $1.85 per diem	11.10	
Ahearn, Wm. J.	Laborer, at $2 per diem	394.00	
Allen, William H.	do	14.00	
Babcock, Bert	do	162.00	
Mooney, James H.	Laborer, at $1.85 per diem	11.10	
Babcock, Charles A.	Laborer, at $2 per diem	43.75	
Ball, Geo. W.	do	3.00	
Banks, Howard F.	do	18.50	
Bateman, Owen J.	do	42.50	
Beatty, P. F.	do	79.50	
Bent, William A.	do	176.00	
Berrett, Edward J.	do	171.25	
Berrigan, James P.	do	2.00	
Beucler, E. B.	do	26.00	
Beucler, John Lee	do	16.50	
Blomerth, Oscar W.	do	243.00	
Bonanfant, Louis	do	55.00	
Bourget, Elie	do	2.00	
Bowes, William F.	do	26.00	
Boyle, John F.	do	12.25	
Bowlby, Wm. H.	do	16.00	
Bradish, Herbert E.	do	2.00	
Bradley, John J.	do	64.75	
Breen, Frank H.	do	277.25	
Brennan, Thomas E.	do	365.50	
Breslin, Lewis C.	do	305.75	
Briggs, Chas. H.	do	63.00	
Briggs, James E.	do	258.50	
Brown, Bliss S.	do	83.00	
Brown, Harry A.	do	59.25	
Bryant, Arthur	do	52.00	
Burnett, John W.	do	6.00	
Butters, Walter R.	do	314.25	
Cain, Edward T.	do	196.50	
Callahan, Richard C.	do	87.00	
Callahan, T. F.	do	4.00	
Cannam, John W.	do	2.00	
Canney, Joseph	do	314.00	
Carey, Chas. A.	do	2.00	
Carey, Thomas J.	do	394.00	
Carey, William	do	40.00	
Carroll, John F.	do	2.00	
Case, James E.	do	8.00	
Cassell, Daniel	do	24.00	
Cassell, Matthew	do	390.00	
Champagne, G. J.	do	54.50	
Chandler, Frank A.	do	72.00	
Chatfield, Daniel	do	43.75	
Clark, Walter B.	do	20.00	
Clements, Geo. F	do	46.25	
Clifford, Henry H.	do	51.50	
Clifford, Herbert H.	do	88.25	
Coholan, William	do	51.75	
Collegan, S. F.	do	153.00	
Collins, Chas. P.	do	47.50	
Collins, Daniel J.	do	90.25	
Colombe, L. R.	do	71.75	
Conley, Frank B.	do	37.50	
Conley, John J.	do	83.00	
Connolly, Martin J.	do	283.25	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Conroy, George W	Laborer, at $2 per diem	$2.00	
Cook, Frank A	do	59.00	
Cook, Perley D	do	143.75	
Cossaboom, Otto L	do	29.50	
Cotters, John	do	2.00	
Crayton, John, S	do	184.25	
Creadon, Joseph F	do	87.00	
Creadon, John W	do	133.25	
Crowell, Harry J	do	76.00	
Crowley, Christopher	do	384.50	
Curran, Patrick	do	107.00	
Cuzner, Herbert J	do	32.00	
Danehy, Richard J	do	56.75	
Darragh, Joseph H	do	56.00	
Delehanty, Carroll J	do	7.00	
Dempsey, Frank M	do	103.50	
Denley, John	do	31.00	
Devean, Joseph J	do	14.00	
Dodge, John R	do	5.25	
Doherty, Benj. F	do	87.00	
Doherty, Daniel F	do	57.00	
Doherty, Francis J	do	55.00	
Doherty, John F	do	78.00	
Doherty, James V	do	21.75	
Dolan, John	do	115.50	
Dolen, John	do	24.50	
Donahue, Cornelius	do	32.25	
Donnelly, Geo. H	do	344.75	
Doucett, Patrick	do	6.00	
Doucette, Anthony	do	227.50	
Dowd, Jos. L	do	12.25	
Dowden, Samuel H	do	134.75	
Doyle Edward	do	192.25	
Doyle, Frank	do	4.00	
Doyle, James B	do	31.50	
Dunbar, H. Walter	do	239.75	
Eager, George B	do	88.25	
Eagleston, Thos. J	do	16.00	
Ebert, Frank S	do	78.00	
Edwards, Frank W	do	33.50	
Elliott, George W	do	170.50	
Estabrook, Walter	do	43.00	
Fall, Wm. H	do	6.00	
Farrey, James P	do	410.75	
Farrey, Patrick H	do	89.50	
Farrington, Geo. A	do	276.00	
Feeney, Michael H	do	82.00	
Feeney, B. W	do	3.50	
Feeney, Thomas W	do	360.00	
Farrington, John W	do	11.00	
Ferguson, Arthur	do	8.25	
Finn, Edward H	do	38.00	
Fitzgerald, E. J	do	126.50	
Fitzpatrick, Hugh P	do	182.75	
Fitzpatrick, J. C	do	51.50	
Foley, Jeremiah	do	4.00	
Foley, Thomas F	do	50.50	
Ford, John D	do	21.75	
Foshey, Geo. W	do	2.00	
Foster, Walter E	do	82.00	
Frazier, Daniel	do	54.00	
Fredrickson, Emil	do	60.25	
Gallagher, John	do	37.00	
Gallagher, Jas. J	do	2.00	
Geary, Wm. J	do	32.00	
Gibbs, George A	do	14.00	
Gibbons, Chas. A	do	.25	
Gibby, Warren B	do	22.00	
Glynn, Edward H	do	96.00	
Goodwin, C. W	do	5.25	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907. $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Gorman, Frederick	Laborer, at $2 per diem	$36.00	
Gormley, James	do	83.00	
Gough, Frank J	do	6.00	
Gould, James J	do	94.75	
Grace, James J	do	104.50	
Graham, Lewis H	do	105.00	
Grant, Fred J	do	130.50	
Grant, Patrick T	do	11.00	
Gregory, Geo. F	do	160.00	
Guppey, Chester A	do	67.00	
Hale, Horace	do	262.25	
Halliday, Geo. H	do	182.25	
Halpin, William	do	167.25	
Hanson, Chas. R. W	do	185.00	
Harkins, Edward J	do	88.00	
Harney, Joseph P	do	140.25	
Harris, Charles	do	307.00	
Hawkes, Albert F	do	196.75	
Hayes, Daniel J	do	149.50	
Heaton, Walter	do	11.25	
Hebb, Guy M	do	18.50	
Heffernan, Patrick H	do	14.00	
Henry, Frank S	do	4.00	
Herbert, Edwin H	do	57.00	
Herbert, Henry K	do	198.25	
Higgins, John H	do	76.50	
Holt, Daniel H	do	5.25	
Holt, Harry M	do	7.25	
Hopkins, E. D	do	57.00	
Horigan, Michael F	do	5.00	
Humphrey, Arthur	do	52.50	
Humphrey, James F	do	146.50	
Jenkins, Arthur F	do	52.00	
Johnson, Bertram H	do	42.25	
Johnson, Joseph	do	56.75	
Johnson, Oscar E	do	63.00	
Johnson, Walter H	do	5.25	
Johnston, John J	do	36.75	
Joll, Walter	do	58.00	
Jones, George W	do	98.00	
Josselyn, Andrew W	do	11.00	
Julien, Simon	do	140.25	
Kallenberg, John C	do	69.00	
Kane, Patrick T	do	76.50	
Keating, Patrick	do	99.25	
Kehoe, Wm. H	do	2.00	
Kelley, Edward L	do	44.25	
Kelley, Michael W	do	23.00	
Kelley, Thomas F	do	13.00	
Kelliher, Wm. J	do	68.25	
Kelly, Isaiah F	do	57.25	
Kennedy, Edward J	do	138.25	
Kennedy, Robt. W	do	67.50	
Kerrigan, Michael	do	99.50	
Kettell, Geo. H	do	474.25	
Kirmes, Victor H	do	6.75	
La Fave, Richard	do	52.75	
Lannon, John	do	10.00	
Lapham, Wm. F	do	30.00	
Laskey, John H	do	87.50	
Laughlin, Jerry	do	316.25	
Lavine, John	do	4.00	
Lee, Charles R	do	74.00	
Lefave, Geo. H	do	127.00	
Lefave, Jerry	do	44.25	
Litchfield, E. E	do	161.75	
Long, Clarence M	do	56.75	
Lord, Richard J	do	28.00	
Loveland, D. E	do	100.80	
Lucey, Cornelius J	do	18.25	

BUREAU OF ENTOMOLOGY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington—Cont'd.			
Michael F.	Laborer, at $2 per diem	$181.75	
Timothy	do	5.00	
Michael	do	24.50	
Frank G	do	8.00	
James A	do	9.00	
on, Frank P	do	67.50	
ıy, F. F	do	54.25	
ıy, John H	do	97.25	
ın, L	do	7.00	
ıell, James H	do	2.00	
;all, A	do	2.00	
·rn, F. J	do	22.75	
ın, Chas. F	do	388.75	
ı, Thomas	do	134.00	
ıa, Simon	do	179.25	
, Donald	do	264.75	
;hlin, R. L	do	48.00	
n, Thomas	do	172.75	
on, Thomas	do	57.25	
Will	do	426.00	
Bernard	do	9.25	
y, James P	do	6.00	
, John	do	44.25	
ı, Frank B	do	1.00	
ı, Geo. E	do	156.50	
ı, James P	do	7.00	
y, James	do	89.75	
y, T. R	do	317.50	
/, James A	do	18.50	
George R	do	46.25	
Thos. F	do	6.00	
)rlando	do	11.00	
/, Samuel	do	117.25	
), Cosmo M	do	7.00	
Joseph F	do	62.50	
Reuben	do	50.50	
William	do	46.00	
on, James I	do	8.00	
on, Wilfred	do	370.25	
George A	do	70.00	
ı, John H	do	149.25	
Everett L	do	40.50	
/, C	do	419.50	
', Edward G	do	68.25	
', Hugh	do	121.50	
', Jeremiah	do	221.50	
', Jerry A	do	40.50	
', James J	do	56.00	
', Peter P	do	40.00	
, Jeremiah F	do	179.50	
, Thomas J	do	52.50	
oseph F	do	19.25	
teuben	do	29.00	
James	do	2.00	
'red J	do	188.50	
ohn L	do	190.25	
;in, Guy M	do	65.00	
;in, Irving B	do	84.50	
, Charles C	do	30.00	
Wm. H	do	71.50	
ı, Geo. F	do	33.00	
, Frank A	do	41.75	
, F. H	do	8.25	
ırthy, Bert	do	249.75	
ırthy, Wm	do	248.75	
Walter W	do	3.00	
or, John W	do	22.00	
ıell, B. G	do	107.00	
Frank E	do	11.00	
;, Dennis M	do	1.00	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
O'Leary, Patrick H.	Laborer, at $2 per diem	$5.25	
Orpen, Cornelius C.	do	125.75	
Palmer, Wm. H.	do	111.25	
Parker, Dwight I.	do	11.00	
Parrott, Louis J.	do	60.25	
Parsons, James	do	58.50	
Parsons, Mark J.	do	112.00	
Patten, Allan L.	do	12.50	
Patten, Albert L.	do	9.00	
Payne, William	do	2.00	
Pearsons, Frank C.	do	54.75	
Penney, Willie M.	do	168.75	
Phillips, Wendell	do	9.75	
Pierce, Gardner M.	do	71.25	
Porter, Edgar	do	95.75	
Pratt, F. Burton	do	154.50	
Putnam, Frank A.	do	4.00	
Quint, Edward J.	do	1.00	
Randall, Horace A.	do	64.50	
Reardon, John F.	do	45.50	
Reardon, James G.	do	47.25	
Reed, Edward F.	do	68.75	
Reynolds, Geo. C.	do	272.00	
Riley, Harry J.	do	51.50	
Riley, Michael J.	do	63.75	
Roberts, Jean R.	do	121.00	
Roche, Wm. H.	do	385.50	
Rooney, Thomas F.	do	145.75	
Rowen, John J.	do	62.75	
Russell, Seth H.	do	52.00	
Ryan, George H.	do	183.50	
Ryan, Edward F.	do	411.00	
Ryan, John	do	126.50	
Sampson, John B.	do	8.00	
Santolucite, John	do	3.25	
Santolucite, R.	do	1.50	
Sarsfield, Wm.	do	280.25	
Satertay, Wm. J.	do	38.25	
Saunders, Wm. F.	do	30.25	
Searle, Walter J.	do	1.00	
Sennott, Maurice	do	6.00	
Shea, John	do	190.50	
Shea, John H.	do	9.00	
Sheppard, Henry	do	247.75	
Shine, Joseph A.	do	167.50	
Shirley, Wm. F.	do	12.00	
Short, Francis B.	do	230.25	
Silvey, Frank	do	177.75	
Soles, Geo. W.	do	414.75	
Stevens, Roscoe	do	177.50	
Storey, Chester W.	do	55.50	
Strother, Otis W.	do	30.50	
Stuart, William	do	36.00	
Sullivan, Daniel J.	do	74.00	
Sullivan, Edward A.	do	54.50	
Sullivan, James	do	130.50	
Sullivan, Jeremiah	do	355.75	
Sullivan, John J.	do	160.75	
Sullivan, John J.	do	5.25	
Sullivan, Robert H.	do	7.00	
Sullivan, Wm. S.	do	190.25	
Sweeney, Daniel J.	do	6.00	
Sweetman, Edward F.	do	46.00	
Tate, John F.	do	300.00	
Tate, John	do	72.25	
Thibault, Peter	do	13.25	
Thompson, Frank S.	do	67.50	
Thornton, Frank N.	do	62.00	
Tingley, Freeman R.	do	130.75	
Toth, Andrew	do	12.00	
Toth, Terence	do	136.25	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
[*Out of Washington*—Cont'd.			
Townsend, Geo. F.	Laborer, at $2 per diem	$8.00	
Tracy, Patrick H.	do	70.75	
Tracy, Thomas J.	do	2.00	
Twomey, Thomas F.	do	7.00	
Waitt, Fred C.	do	233.00	
Walker, Andrew R.	do	4.00	
Walker, Herbert G.	do	66.00	
Walsh, Dennis L.	do	5.25	
Walsh, Joseph	do	35.00	
Washington, Edward	do	1.00	
Webber, John W.	do	420.50	
Welch, James B.	do	293.75	
Wheeler, James M.	do	73.00	
Wheeler, William J.	do	63.75	
Wiley, Edward H.	do	58.25	
Williams, King	do	71.75	
Wilson, Chas. F. R.	do	57.50	
Wilson, Frank H.	do	69.75	
Wing, John H.	do	78.25	
Witthus, Bernhard	do	184.50	
Woodis, Hiram	do	255.00	
Wootton, Paul L.	do	8.00	
Bishop, Wiley L.	Laborer, at $2, and scout, at $2.40 per diem	203.25	
Boardman, Chester E.	do	242.00	
Breen, Harry	do	278.55	
Brogan, John F.	do	160.65	
Clancy, Frank E.	do	76.15	
Collins, B. J.	do	119.15	
Copson, John	do	458.80	
Cunningham, J. H.	do	446.25	
Darragh, Wm. H.	do	335.95	
Daucett, Geo. A.	do	291.50	
Feener, Fred	do	434.75	
Graves, F. W., jr.	do	215.85	
Harrington, R. T.	do	258.85	
Harris, G. N., jr.	do	374.50	
Knights, C.	do	187.50	
Lapham, Frank M.	do	194.35	
Mader, Ernest W.	do	79.20	
Marshall, Ernest L.	do	160.80	
O Brien, Michael P.	do	212.35	
O'Connell, J. T.	do	159.90	
O'Donnell, Luke	do	85.00	
Pratt, Clifford	do	476.60	
Prentiss, Amory	do	211.10	
Punch, John D.	do	59.25	
Ramsdell, H. A.	do	209.00	
Scott, John W.	do	252.60	
Singleton, R. L.	do	88.75	
Spencer, Wm. T.	do	433.80	
Sweeney, John D.	do	111.35	
Swinehamer, J. H.	do	314.05	
Townsend, Elmer R.	do	118.20	
Wholley, Wm. J.	do	74.20	
Whitehead, Geo. D.	do	190.75	
Atkinson, William	Laborer, at $2, and foreman, at $2.50 per diem	422.81	
Buckley, D. F.	do	442.00	
Freeman, Wm. H.	do	522.50	
Geary, Carlton W.	Laborer, at $2, and storekeeper, at $2.50 per diem.	590.50	
Glennon, John F.	Laborer, at $2, and foreman, at $2.50 per diem	415.75	
McCarthy, Daniel	do	532.57	
McGilley, Chas. J.	do	557.07	
Martin, John J	Laborer, at $2, scout, at $2.40, and foreman, at $2.50 per diem.	406.52	
Mollirs, Thos. E.	Laborer, at $2, and foreman, at $2.50 per diem	537.06	
Stevens, Chas. W.	do	314.00	
McIntyre, Henry L.	Laborer, at $2, scout, at $2.40, and foreman, at $2.80 per diem.	326.00	$63.02

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Merrill, Geo. E.	Laborer, at $2, scout, at $2.40, and foreman, at $2.50 and $2.80 per diem.	$574.28	.....
Ripley, William G	Laborer, at $2, and foreman, at $2.80 per diem	137.20	.....
Rodgers, Thomas S.	Laborer, at $2, scout, at $2.40, and foreman, at $2.50 and $2.80 per diem.	331.15	.....
Shanahan, Jeremiah	Laborer, at $2, scout, at $2.40, and foreman, at $2.80 per diem.	344.80	.....
Taylor, Oscar E.	....do	300.10	.....
Hale, Edward R.	Laborer, at $2, and scout at $3 20 per diem	162.80	.....
Miller, Thomas L.	Subforeman, at $2 per diem	436.75	.....
Caswell, Walter R.	Foreman, at $2.50 per diem	465.00	.....
Clark, Wm. B.	....do	14.38	.....
Earl, William	....do	455.32	.....
Parkins, Fred W	Foreman, at $2.50 and $2.80 per diem	143.40	.....
Pratt, Forest E.	....do	553.21	.....
Sweeney, John W	Foreman, at $3 per diem	755.00	.....
Lame, Gilbert E.	General foreman, at $3 per diem	57.00	$33.15
Vinton, Harry W	General foreman, at $3 per diem, and special agent, at $90 per month.	984.00	8.20
Connolly, Martin J.	Scout, at $2.40 per diem	86.40	.....
Farrington, Geo. A.	....do	80.90	.....
Fenton, W. A.	....do	88.20	.....
Kerrigan, D. J.	....do	37.80	.....
Lombard, James J.	....do	36.00	.....
Darragh, Joseph H.	Scout, at $2.40, and foreman, at $2.50 and $2.80 per diem.	381.04	.....
Hamilton, Chas. B.	Scout, at $3.20 per diem	153.60	.....
Totman, Charles E	....do	153.60	.....
Total		63,679.30	1,219.09

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Cont'd.	
American Entomological Co.	$42.25	Newhall, Elmer B.	$33.00
Bigelow & Dowse Co.	1,418.74	Olds Gas Power Co.	3,242.56
Blockmer & Co., J. L.	3.10	Page & Cartin	9.05
Blake, S. F.	227.50	Pope, C. O.	12.00
Blakeley, Charles A.	550.00	Remington Typewriter Co.	184.00
Blanchard, Kendall & Co.	39.06	Powell, Beede K.	8.00
Chesterton & Co., A. W.	32.55	Spencer, Thomas	88.80
Claflin & Co. (Incorporated), W. H.	761.22	Stocker, Frederic	15.00
Clark Co., Henry N.	15.40	Suffolk Engraving and Electric Co.	4.01
Collins Hardware Co.	4.50	Upham, Charles E.	337.80
Doherty, P. H.	32.00	Will & Baumer Co.	36.25
Dwyer, John D.	4.50		
Frost & Co., H. L.	5.00	Total	8,086.19
Frost Insecticide Co.	58.00		
Hallock, W. G.	33.50	*Furniture.*	
Ingalls, Wm. D.	10.00		
Jeffrey, Joseph H.	8.25	Hoeke, W. H.	39.76
Jenney Manufacturing Co.	118.17	Stearns & Henderson	166.37
Kennedy, A. H.	108.00		
King & Co. (Incorporated), E. and F.	11.82	Total	205.13
Kollock, W. E.	7.50		
Littlefield, T. E.	45.52	*Express.*	
Macomber & Co., H. S.	31.21		
Malder Electric Co.	10.56	Adams Express Co.	15.55
Mollins, Thos. E.	9.00	United States Express Co.	2.45
Moulton & Co., C. W.	278.00		
National Coal Tar Co.	621.57	Total	18.00
New England Oil Co.	112.50		

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907, $82,500"—Continued.

Name.	Amount.	Name.	Amount.
Telegraph.		*Apparatus, instruments, and laboratory material.*	
Postal Telegraph Cable Co	$4.28	Boston Optical Co	$30.00
Western Union Telegraph Co	14.20	Feast & Co., H. B	81.60
Total	18.48	Frost & Co., H. L	4,400.00
Telephone.		Hallock, W. G	8.00
New England Telephone and Telegraph Co	113.23	Hantley, E. B	36.00
Rent.		Pullman, E. J	6.40
Bent, W. A	10.00	Whitall Tatum Co	41.29
Cotting, Charles E., trustee	29.17	Total	4,603.29
Dwyer, Julia E	100.00	*Travel and station and field expenses.*	
Tremont Building (trustees)	641.67	Couden, F. D	61.52
Total	780.84	Crawford, J. C	93.85
Gas and electricity.		Howard, L. O	258.50
Malden Electric Co	4.75	Lame, G. E	33.15
		McIntyre, H. L	63.02
		Murphy, D. G	8.20
		Ripley, Wm. G	58.05
		Rogers, Dexter M	617.33
		Titus, E. S. G	200.89
		Vinton, Harry W	238.97
		Total	1,633.48

Total amount of appropriation	$82,500.00
Total expenditures under above groups	81,883.37
Unexpended balance	616.63

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907–8, $150,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Ahearn, Wm. J	Laborer, at $2 per diem	$49.50	
Babcock, Bert	do	40.00	
Banks, Howard F	do	42.00	
Beal, Maurice	do	30.00	
Bent, Wm. A	do	45.50	
Berrett, Edward J	do	26.00	
Beucler, John L	do	30.00	
Bishop, Wiley L	do	25.50	
Boardman, Chester E	Laborer, at $2, and scout, at $2.40 per diem	43.35	
Breen, Frank H	Laborer, at $2 per diem	7.00	
Breen, Harry E	do	44.25	
Brennan, Thos. E	do	51.25	
Breslin, Lewis C	do	48.00	
Briggs, Chas. A	do	49.25	
Briggs, James E	do	35.75	
Brogan, John F	do	43.00	
Brown, Bliss S	do	6.00	
Brown, Harry A	do	43.50	
Bryant, Arthur	do	52.00	
Bryant, Fred W	do	22.00	
Burnett, John W	do	35.75	
Butters, Walter R	do	44.75	
Callan, Joseph J	do	49.00	
Cannam, John W	do	17.75	
Canney, Joseph	do	48.00	
Carey, Thos. J	do	52.00	
Carey, Wm	do	14.00	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriati "Prevention of spread of moths, 1907–8, $150,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name	Title and rate.	Amount paid for salary.	Amou paid f travel s statio and fi expens
Out of Washington—Cont'd.			
Cassell, Matthew	Laborer, at $2 per diem	$40.00	.....
Champagne, G. J	....do	19.50	.....
Chandler, Frank A	....do	50.00	.....
Chatfield, Daniel	....do	11.75	.....
Clements, George F	....do	14.00	.....
Coholan, Wm	....do	45.75	.....
Collins, Daniel J	....do	6.00	.....
Colombe, Louis R	....do	50.00	.....
Cook, Frank A	....do	35.00	.....
Cook, Louis E	....do	39.00	.....
Cook, Perley D	....do	46.00	.....
Coyne, James J	....do	39.00	.....
Crayton, John S	....do	52.00	.....
Crowell, Harry J	....do	9.25	.....
Crowley, C	....do	39.50	.....
Cunningham, John H	Laborer, at $2, and scout, at $2.40 per diem	53.35	.....
Danehym, Richard J	Laborer, at $2 per diem	46.00	.....
Darragh, Wm. H	Laborer, at $2, and scout, at $2.40 per diem	49.75	.....
Dillon, Joseph J	Laborer, at $2 per diem	35.50	.....
Doherty, Daniel F	....do	47.75	.....
Doherty, Francis J	....do	39.75	.....
Dolen, John	....do	46.00	.....
Donnelly, Geo. H	....do	48.00	.....
Donovan, John F	....do	42.00	.....
Doucette, Anthony	....do	50.00	.....
Doucette, L	....do	38.00	.....
Dowden, Samuel H	....do	43.75	.....
Doyle, Edward	....do	48.00	.....
Doyle, Frank P	....do	45.50	.....
Dunbar, H. Walter	....do	52.00	.....
Eagleston, Thos. J	....do	16.50	.....
Elliot, Geo. W	....do	46.00	.....
Estabrook, Walter	....do	5.75	.....
Evans, E. Dudley	....do	6.00	.....
Farrey, James P	....do	50.00	.....
Farrington, Geo. A	....do	46.75	.....
Feener, Fred	Laborer, at $2, and scout, at $2.40 per diem	48.00	.....
Feeney, Michael H	Laborer, at $2 per diem	46.00	.....
Feeney, Thos. W	....do	48.00	.....
Fitzpatrick, J. C	....do	34.75	.....
Foley, Thos. F	....do	42.00	.....
Foster, Walter E	....do	50.00	.....
Frazier, Daniel	....do	46.00	.....
Fredrikson, Emil	....do	26.00	.....
Geoghegan, Chas. J	....do	40.25	.....
Gould, James	....do	47.00	.....
Graves, F. W., jr	Laborer, at $2, and scout, at $2.40 per diem	50.00	.....
Griffin, Albert	Laborer, at $2 per diem	2.00	.....
Guppey, Chester A	....do	45.00	.....
Hale, Horace	....do	48.00	.....
Halpin, Wm	....do	42.00	.....
Hanson, Chas. R. W	....do	44.00	.....
Harney, Joseph P	....do	42.75	.....
Harrington, R. F	Laborer, at $2, and scout, at $2.40 per diem	44.35	.....
Harris, Chas	Laborer, at 2 per diem	37.75	.....
Harris, G. N., jr	....do	48.50	.....
Hawkes, Albert F	....do	48.00	.....
Hayes, Daniel J	....do	46.50	.....
Heaton, Walter	....do	27.00	.....
Herbert, Edwin H	....do	42.00	.....
Herbert, Henry K	....do	52.00	.....
Holmes, Frank J	....do	25.75	.....
Hopkins, R. D	....do	15.75	.....
Jenkins, Arthur F	....do	16.00	.....
Johnson, Joseph F	....do	2.00	.....
Johnston, John J	....do	1.75	.....
Joll, Walter	....do	50.00	.....
Julien, Simon	....do	52.00	.....
Kallenberg, J. C	....do	35.00	.....
Keating, Patrick	....do	48.00	.....

BUREAU OF ENTOMOLOGY—Continued.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907–8, $150,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Washington—Cont'd.			
Wm. H	Laborer, at $2 per diem	$39.00	
, Wm. J	do	43.00	
Isaiah F	do	49.00	
y, Robt. W	do	52.00	
Geo. H	do	52.00	
, Lyman L	do	45.00	
., Frank K	do	12.00	
n, Jerry	do	45.75	
Elmer E	do	41.50	
d, E. E	do	41.00	
larence M	do	46.00	
d, D. E	do	12.00	
on, Frank P	do	50.00	
n, Chas. F	do	51.25	
., Thos	do	43.00	
a, Simon	do	48.00	
hlin, Ralph L	do	45.25	
n, Frank R	do	1.00	
n, Thomas	do	49.75	
y, James	do	52.00	
Will	do	46.00	
l, Ernest L	do	24.00	
oseph F	do	50.00	
Reuben	do	50.00	
William	do	17.75	
on, Wilfred	do	47.25	
ieo. A	do	51.25	
, John H	do	14.00	
Everett L	do	2.00	
, Jeremiah	do	48.00	
Jeremiah F	do	48.00	
James	do	52.00	
red J	do	50.00	
ohn L	do	45.25	
, John P	do	50.25	
n, Guy M	do	47.00	
n, Irving B	do	51.50	
Frank A	do	44.00	
ll, Joseph T	Laborer, at $2, and scout, at $2.40 per diem	41.20	
s, Frank C	Laborer, at $2 per diem	22.00	
Gardner M	do	52.00	
lifford	Laborer, at $2, and scout, at $2.40 per diem	44.00	
. Burton	Laborer, at $2 per diem	4.00	
, Amory	do	49.25	
ll, Herbert A	do	50.00	
, Horace A	do	35.75	
ld, Edward L	do	2.00	
., John F	do	40.00	
dward F	do	48.00	
s, Geo. C	do	47.75	
ugh E	do	34.00	
arry J	do	51.75	
ichael J	do	49.00	
James H	do	30.00	
Thos. F	do	35.75	
Seth H	do	52.00	
dward F	do	43.00	
eo. H	do	40.50	
, Wm	do	48.00	
s, Wm. P	do	46.75	
ohn W	Laborer, at $2, and scout, at $2.40 per diem	52.10	
Maurice	Laborer, at $2 per diem	35.00	
n, R. L	do	42.50	
eo. W	do	43.75	
Wm. T	do	49.00	
Roscoe	do	49.75	
Chester W	do	41.00	
, Daniel J	do	52.00	
, Edward A	do	48.00	
ohn F	do	2.00	
hn	do	36.50	
Oscar E	do	47.25	

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907–8, $150,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Thompson, Frank S	Laborer, at $2 per diem	$48.00	
Tingley, Freeman R	do	15.25	
Toth, Terence	do	38.00	
Tracy, Patrick H	do	50.00	
Waitt, Fred C	do	50.00	
Walsh, Joseph	do	14.75	
Webber, John W	do	47.25	
Welch, James B	do	50.00	
Wheeler, Wm. J	do	38.50	
Whitehead, Geo. D	Laborer, at $2, and scout, at $2.40 per diem	44.00	
Wiley, Edward H	Laborer, at $2 per diem	27.00	
Williams, King	do	46.00	
Williamson, Albert J	do	2.00	
Wilson, Chas. F. R	do	40.50	
Woodis, Hiram	do	46.00	
Copson, John	Scout, at $2.40 per diem	54.00	
Geary, Carlton W	Toolkeeper, at $2.50 per diem	62.50	
Atkinson, Wm	Foreman, at $2.50 per diem	65.00	
Buckley, Daniel F	do	63.44	
Darragh, Joseph H	Foreman, at $2.50 and $2.80 per diem	59.82	
Freeman, Wm. H	Foreman, at $2.50 per diem	62.50	
Glennon, John F	do	64.06	
McCarthy, Daniel	do	65.00	
McGilley, Chas. J	do	64.38	
Martin, John J	do	65.00	
Mollins, Thos. E	do	58.13	
Rodgers, Thos. S	do	62.50	
Stevens, Chas. W	do	65.00	
McIntyre, Hanry L	Foreman, at $2.80 per diem	61.57	
Merrill, Geo. E	do	32.20	
Ripley, Wm. G	do	57.68	$8.20
Shanahan, Jeremiah	do	37.20	
Lame, Gilbert E	General foreman, at $3 per diem	78.00	
Clifford, Henry H	Engineer, at $2.80 per diem	42.00	
Penniman, L. E	do	47.60	
Wyman, Oscar L	do	44.80	
Total		8,325.23	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907–8, $150,000"—Continued.

Name.	Amount.	Name.	Amount.
Furniture.		*Travel and station and field expenses.*	
Library Bureau	$42.50	Howard, L. O	$225.00

Total amount of appropriation	$150,000.00
Total expenditures under above groups	8,892.73
Unexpended balance on June 30, 1907, which is available during fiscal year 1908	141,407.27

BUREAU OF ENTOMOLOGY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Prevention of spread of moths, 1907–8, $150,000"—Continued.

RECAPITULATION.

Statutory salaries	$19,443.34
Lump-fund salaries:	
In Washington	40,915.58
Outside of Washington	123,729.91
Stationery	993.43
Miscellaneous supplies and services, equipment, books, machinery, etc	18,773.31
Furniture	924.18
Fuel	39.00
Freight	599.36
Express	386.37
Telegraph	234.05
Telephone	214.38
Rent	2,563.77
Gas and electricity	97.25
Apparatus, instruments, and laboratory material	9,220.52
Travel and station and field expenses	26,835.03
Total	244,969.48
Advances to temporary disbursing agents	3,524.62
Total expenditures for entire Bureau of Entomology	248,494.10
Total amount of appropriations	412,110.00
Total expenditures under above groups	248,494.10
Unexpended balance	163,615.90
Balance under "Prevention of spread of moths, 1907–8," on June 30, 1907, available during fiscal year 1908	141,407.27
Balance	22,208.63
Repayments to credit of appropriations	18.23
Net unexpended balance on September 30, 1907	22,226.86
Outstanding liabilities (estimated)	367.59
Balance to be turned back in Treasury (estimated)	21,859.27

PROJECTS

The principal projects conducted by the Bureau of Entomology during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Entomological investigations.

Importations of useful insects	$2,500.00
Forest insect investigations	10,590.00
Deciduous fruit insect investigations	11,150.00
Investigations of insects injurious to vegetable crops and stored products	6,000.00
Cereal and forage plant insect investigations	7,790.00
Scale insect investigations	6,000.00
Investigations into the life history of the cattle tick	1,500.00
Experimental work with insecticides	3,000.00
Investigations of insects in their direct relation to the health of man	1,250.00
Silk investigations	5,300.00
Agricultural investigations	8,000.00
Investigations of insects affecting cotton	2,000.00
Miscellaneous investigations and other work	3,973.66
Balance unexpended	946.34
Total	70,000.00

Cotton boll weevil investigations.

Work in Texas against the cotton boll weevil and the cotton bollworm	$51,829.91
Work in Louisiana against the cotton boll weevil	4,320.82
Investigation and importation of the Guatemalan ant	8,707.42
Balance unexpended	20,141.85
Total	85,000.00

BUREAU OF BIOLOGICAL SURVEY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Biological Survey, 1907, $7,580."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Merriam, C. Hart	Chief of Bureau, at $3,000	$3,000.00	$1,199.53
Oberholser, H. C	Clerk, class 1	800.00	
Thompson, E. J	Clerk, class 1	400.00	
Kent, N. H	Clerk, at $1,000	1,000.00	
Milligan, C. B	do	1,000.00	
Ernshaw, Frank L	Clerk, at $900	225.00	
Emerson, Edith O	Clerk, at $900	37.50	
Thompson, E. J	Clerk, at $900	600.00	
Fisher, Della	Laborer, at $480	480.00	

Total amount of appropriation	$7,580.00
Total amount paid for salaries	7,542.50
Unexpended balance	37.50

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Biological investigations, 1907, $44,420."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Henshaw, H. W	Administrative biologist, at $2,750	$2,750.00	
Bailey, Vernon	Assistant biologist, at $2,500	2,500.00	$927.74
Fisher, A. K	do	2,500.00	
Palmer, T. S	do	2,500.00	307.06
Beal, F. E. L	Assistant biologist, at $2,400	2,400.00	646.26
Oldys, Henry	Assistant biologist, at $1,800	1,800.00	27.60
Osgood, W. H	do	1,800.00	116.60
Preble, E. A	Assistant biologist, at $1,600	1,333.33	
Howell, A. H	Assistant biologist, at $1,500	1,500.00	701.25
Lantz, D. E	do	1,500.00	4.95
Morrison, A. B	Assistant biologist, at $1,400	1,353.33	
Cooke, W. W	Assistant biologist and migration expert, at $1,200.	550.00	
McAtee, W. L	Assistant biologist, at $1,000	1,000.00	
Williams, R. W., jr	Game law assistant, at $1,400	1,108.33	
Oberholser, H. C	Assistant ornithologist, at $1,200	300.00	
Hollister, N	Expert, at $1,200	1,200.00	
Barrett, J. L	Expert taxidermist, at $900	900.00	
Emerson, Edith O	Clerk, at $840	140.00	
De Riemer, W. E	Clerk and labeler, at $660	130.17	
Pollard, Agnes L	Clerk and labeler, at $600	150.00	
Carter, Alonzo	Painter, at $3.50 per diem	17.50	
Davis, Fritz C	do	17.50	
Ward, L. C	Messenger, at $480, and messenger boy, at $600	510.00	
Harris, Louisa	Charwoman, at $20 per month	20.00	
Total		27,980.16	
Out of Washington.			
Nelson, E. W	Chief field naturalist, at $2,400	2,400.00	
Goldman, E. A	Field naturalist, at $1,600	1,600.00	288.92
Bunnell, Sterling	Field naturalist, at $100 per month	100.00	94.52
Cary, Merritt	Assistant biologist, at $1,200	1,200.00	717.39
Piper, Stanley E	Scientific assistant, at $1,200	1,200.00	561.32
Baily, Wm. L	Expert inspector of foreign birds and animals, at $5 per inspection.	15.00	
Bowdish, B. S	do	210.00	
Dutcher, Wm	do	150.00	

BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Biological investigations, 1907, $44,420"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Eastgate, Alfred	Warden, at $1 per month	$12.00	.....
Kroegel, Paul	.....do	12.00	.....
Pillsbury, Asa N., jr	.....do	12.00	.....
Sprinkle, W. M	.....do	12.00	.....
Total		6,923.00	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Biological investigations, 1907, $44,420"—Continued.

Name.	Amount.
Stationery.	
Andrews Paper Co., R. P	$39.76
Contingent expenses, Department of Agriculture	246.22
Lamb & Tilden	1.00
Library Bureau	60.15
Lincoln, Fred S	130.96
Morrison Paper Co., E	14.25
Schmidt, Fred A	39.05
Stockett, Fiske, Co	3.00
Stott & Co., Chas. G	46.90
Swayze, W. L	20.10
United States Envelope Co	60.68
Total	662.07
Miscellaneous supplies, etc.	
American Entomological Co	37.90
Barber & Ross	3.45
Barrett, Geo. A	20.00
Becker, C	12.00
Beers, H. W	16.25
Biord, Hans	1.52
Brown Bag Filling Machine Co	2.25
Burton, R. C. M	1.50
Church & Stephenson	92.57
Colt, Will C	.55
Crevocoeur, F. F	2.00
Dulin & Martin	1.25
Du Perow, M	13.75
Duprey, H. F	14.35
Emerson, W. O	15.00
Ergood & Co., J. C	.88
Folger, A. H	12.10
Fowler, Fred	13.30
Fuertos, Louis Agassiz	120.00
Goldsmith, I. S	4.00
Gunn, J. M	7.50
Hazleton, E. P	40.00
Horsfall, Bruce	30.00
Jenkins, Chas. S	10.00
Jones, James	9.00
Joyce Engraving Co., Maurice	5.58
Kempf, Jacob	42.60
Kinney, N. L	2.00
Kinsey, F. Allen	1.00
Klugh, A. B	10.05
Lamb & Tilden	26.83
Lambert, Chas. A	5.15

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Lansburgh & Bro	$1.75
Lemour, F	12.00
Lilly, B. V	88.75
McKechnie, F. B	40.00
Martinez, Marcus	25.00
May & Co., F. P	35.75
Minnix Co. (Incorporated), N. M	5.00
Multum in Parvo Binder Co	3.80
Muth & Co., Geo. F	5.10
Pazjk, Francis J	26.00
Peabody, P. B	4.95
Portland Bird Importing Co	13.50
Randolph Paper Box Co	7.75
Rau, John C	9.04
Remington Typewriter Co	86.25
Richardson, C. H., jr	3.00
Rosenberg, W. F. H	30.90
Rudolph & West Co	23.15
Seals, Chas. D	.75
Sharp, Grover	17.05
Shoup, Arthur G	27.00
Smith, C. H	11.00
Snyder, W. E	8.85
Southern Printers Supply Co	.90
Spier, Geo W	2.50
Stephens, Frank	24.50
Stokes, John	5.90
Tavenor, P. A	19.60
Wagner, Wm	68.40
Wanamaker, John	18.00
Waslwy, S. G	5.75
Wilkinson, J. J	15.70
Woodward & Lothrop	14.57
Worthington, W. W	62.35
Total	1,263.28
Furniture.	
Hoeke, W. H	13.00
Lansburgh Furniture and Carpet Co	38.50
Library Bureau	45.25
Lincoln, Fred S	157.97
Moses & Sons, W. B	157.42
Woodward & Lothrop	26.68
Yawman & Erbe Manufacturing Co	21.75
Total	460.57

BUREAU OF BIOLOGICAL SURVEY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Biological investigations, 1907, $44,420"—Continued.

Name.	Amount.
Freight.	
Baltimore and Ohio R. R. Co	$9.35
Littlefield, Alvord & Co	.52
Lloyd Transfer Co	.25
Pennsylvania R. R. Co	2.37
Total	12.49
Express.	
Adams Express Co	155.88
Roosa, I. P	1.38
United States Express Co	47.12
Total	204.38
Telegraph.	
Postal-Telegraph Cable Co	14.86
Western Union Telegraph Co	38.08
Total	52.94
Telephone.	
Chesapeake and Potomac Tel. Co	12.92
Apparatus, instruments, and laboratory material.	
Bausch & Lomb Optical Co	$49.53
Feast & Co., H. D	10.90
Gilman, Z. D	17.31
Green, Henry J	4.30
Leese, M. A	4.98
Mackall Bros	35.51
Pullman, E. J	176.96
Sheetz, W. Silas	72.30
Spencer Lens Co	7.60
Wagner Photo. Co., H. G	1.25
Total	381.14
Travel and station and field expenses.	
Bailey, Vernon	927.74
Beal, F. E. L	646.26
Bunnell, Sterling	94.52
Cary, Merritt	717.30
Goldman, E. A	268.92
Howell, A. H	701.25
Lantz, D. E	4.98
Merriam, C. Hart	1,109.53
Oldys, Henry	27.69
Osgood, W. H	116.69
Palmer, T. S	307.06
Piper, Stanley E	561.32
Total	5,483.56

Total amount of appropriation	$44,420.00
Total expenditures under above groups	43,436.51
Unexpended balance	983.49
Repayment to credit of appropriation	3.89
Net unexpended balance	987.38

RECAPITULATION.

Statutory salaries	$7,542.50
Lump-fund salaries in Washington	27,980.16
Lump-fund salaries outside of Washington	6,923.09
Stationery	662.07
Miscellaneous supplies and services, equipment, books, machinery, etc	1,263.28
Furniture	460.57
Freight	12.49
Express	204.38
Telegraph	52.94
Telephone	12.92
Gas and electricity	
Apparatus, instruments, and laboratory material	381.14
Travel and station and field expenses	5,483.56
Total for entire Bureau of Biological Survey	50,979.01
Total amount of appropriations	52,000.00
Total expenditures under above groups	50,979.01
Unexpended balance	1,020.99
Repayment to credit of appropriation	3.89
Net unexpended balance September 30, 1907	1,024.88
Outstanding liabilities (estimated)	470.00
Balance to be turned back in Treasury (estimated)	554.88

BUREAU OF BIOLOGICAL SURVEY—Continued.

PROJECTS.

The principal projects conducted by the Bureau of Biological Survey during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

U. S. No. 7, B. S. No. 1.	Mapping life and crop zones	$9,772
U. S. No. 8, B. S. No. 2.	Biological survey of California	2,875
U. S. No. 10, B. S. No. 3.	Biological survey of New Mexico	1,195
U. S. No. 273, B. S. No. 4.	Biological survey of Colorado	1,267
U. S. No. 9, B. S. No. 5.	Biological survey of Texas	900
U. S. No. 264, B. S. No. 6. U. S. No. 11, B. S. No. 8.	No expenditure.	
U. S. No. 19, B. S. No. 9.	Food habits of birds	2,700
U. S. No. 21, B. S. No. 10.	Relation of birds to cotton boll weevil	1,328
U. S. No. 20, B. S. No. 11.	Food habits of California birds with reference to fruit industry	2,250
U. S. No. 24, B. S. No. 13.	No expenditure.	
U. S. No. 22, B. S. No. 14.	Food of aquatic game birds	15
U. S. No. 18, B. S. No. 16.	Bird migration	600
U. S. No. 6, B. S. No. 17.	Relations of mammals to agriculture	1,850
U. S. No. 12, B. S. No. 18.	No expenditure.	
U. S. No. 13, B. S. No. 19.	Importation of animals, birds, and of birds' eggs	1,575
U. S. No. 14, B. S. No. 20.	Publication concerning game birds	3,240
U. S. No. 15, B. S. No. 21.	Protection of game and birds	500
U. S. No. 15, B. S. No. 22.	Reservations and game refuges	48
U. S. No. 17, B. S. No. 23.	No expenditure.	
U. S. No. —, B. S. No. 24.	Destruction of ground squirrels, including study of bacterial diseases	1,100
U. S. No. —, B. S. No. 25.	Relation of wolves and other mammals to stock raising	485
U. S. No. —, B. S. No. 26.	Fox farming	266
	Total	31,966

F. DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Division of Accounts and Disbursements, 1907, $32,210."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Zappone, A	Chief of division and disbursing clerk, at $2,750	$2,750.00	
Calvert, E. B	Assistant chief of division, at $2,500	2,500.00	$47.50
Yerby, E. D	Auditor, at $2,000	2,000.00	
Fagan, M. E	Cashier, at $1,800	1,800.00	
Smith, A. W	Clerk, class 4	1,800.00	
Cox, F. C	Clerk, class 3	1,600.00	
Jones, W. W	do	1,600.00	
Montgomery, Anna	do	1,600.00	
Harrington, L. F	Clerk, class 2	1,400.00	
Hubbard, N. S. B	do	1,400.00	
Legge, F. W	do	1,400.00	
McCutchen, M	do	1,400.00	
Nevius, W. J	do	1,400.00	
Wagner, F. H	do	1,400.00	
Dodson, B. M	Clerk, class 1	1,200.00	
Gould, E. D	do	1,200.00	
Berryhill, M. B	Clerk, at $1,000	1,000.00	
Haskell, Sadia	do	1,000.00	
Handy, R. B., jr	Clerk, at $720	720.00	
Brown, G. S	do	80.00	
Cooksey, Harry B	do	444.00	
Hollingshead, J. S	do	139.00	
Sherfy, R	do	2A.00	

DIVISION OF ACCOUNTS AND DISBURSEMENTS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Division of Accounts and Disbursements, 1907, $32,210"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Dykes, J. W	Clerk at $720	$646.00	
McKericher, J. W	do	62.00	
Murray, W. A	Custodian of files, at $1,000	1,000.00	
Medley, T. C	Clerk, at $600	600.00	

Total amount of appropriation	$32,210.00
Total amount paid for salaries	32,165.00
Unexpended balance	45.00

DIVISION OF PUBLICATIONS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Division of Publications, 1907, $116,270."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Hill, Geo. Wm	Editor and chief, at $3,000	$3,000.00	
Arnold, Jos. A	Editor and assistant chief, at $2,250	2,250.00	
Stallings, B. D	Associate editor, at $2,000	2,000.00	
Greathouse, C. H	Assistant in charge of indexing, at $1,800	1,800.00	
Corriman, Ephraim	Assistant editor, at $1,600	1,600.00	
Harding, W. F	do	1,600.00	
Thornton, S. Edwin	Editorial clerk, at $1,600	1,595.56	
Kennedy, G. W	Editorial clerk, at $1,400	1,400.00	
Williams, L. S	Assistant in charge of illustrations, at $2,000	2,000.00	$231.50
Boettcher, A. B	Draftsman, at $1,500	1,500.00	
Baker, J. N	Draftsman, at $1,400	116.66	
Stevenson, J. H	do	1,283.34	
Blanchard, F. W. S	do	1,400.00	
Baker, J. N	Draftsman, at $1,200	1,100.00	
Stevenson, J. H	do	100.00	
Mudd, A. I	Chief clerk, at $1,800	1,800.00	
Chapman, Harriet B	Clerk, class 1	1,200.00	
Edwards, M. E	do	1,200.00	
Nichols, I. J	do	1,200.00	
Stoddard, M. C	do	1,200.00	
Thorn, M. E	do	1,200.00	
Barnum, Mary E	Clerk, at $1,000	1,000.00	
Bryan, Emily F	do	41.67	
Miller, Anna E	do	958.33	
Clark, Blanche B	do	1,000.00	
Goodchild, M. A	do	1,000.00	
Kluge, Ethel L	do	219.44	
Lawson, Laura B	do	780.56	
Strong, Blanche	do	1,000.00	
Handy, R. B	Assistant in charge of document section, at $2,000	2,000.00	
Cleary, F. J. P	Assistant in document section, at $1,400	1,400.00	
Riley, John O	Assistant in document section, at $1,200	1,200.00	
Hendrix, J. H	Foreman in document section, at $1,400	1,400.00	
Walter, H. S	Foreman, Farmers' Bulletin distribution, at $1,200	1,200.00	
Bracey, C. E	Chief folder, at $1,000	1,000.00	
Lawlor, L. D	Folder, at $900	900.00	
Buckley, Margaret	Folder, at $840	840.00	
Gordon, William	do	840.00	
Parker, Annie	do	840.00	
Lawson, Laura B	Clerk, at $900	197.50	
Tull, Ava J	do	702.50	

DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Division of Publications, 1907, $116,270"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Burlingame, S. A	Clerk, at $840	$840.00	
Carpenter, Stella L	do	840.00	
Danforth, M. S	do	660.33	
Whittemore, Sarah A	do	175.00	
Plant, Catharine P	do	840.00	
Smith, M. A. E	do	655.67	
Tull, Ava J	do	184.33	
Bane, Philena M	Clerk, at $720	720.00	
Bowman, Grace L	do	720.00	
Chase, Florence A	do	720.00	
Daniels, M. A	do	720.00	
Duke, A. L	do	720.00	
Dunford, Annie	do	720.00	
Galloway, Maud P	do	720.00	
Haas, C, B	do	720.00	
Kammerer, M. M	do	710.00	
King, Minnesota J	do	720.00	
Lewis, Ella	do	150.00	
Whittemore, Sarah A	do	570.00	
Merrian, Lucy R	do	720.00	
Moore, F. B	do	720.00	
Moseley, M. M	do	720.00	
Murray, Anne R	do	562.00	
Randall, Goldie M	do	58.00	
Smith, M. A. E	do	158.00	
Myer, Alice	do	720.00	
Nelson, Ella M	do	720.00	
Penfield, Cora A	do	720.00	
Powell, Emily	do	720.00	
Price, Almira	do	720.00	
Rahn, M. B	do	720.00	
Roe, Ida M. B	do	720.00	
Ross, Matilda	do	720.00	
Saunders, Catherine	do	720.00	
Abernethy, Mary A	Clerk, at $600	5.00	
Bowdle, A. B	do	50.00	
Bryan, Emily F	do	400.00	
Carter, Susie E	do	15.00	
Reece, Viola E	do	11.67	
Taylor, A. R	do	53.33	
Armstrong, Marion	do	148.33	
Bowling, Mary E	do	100.00	
Donahue, J. J	do	223.33	
Gregor, J. J	do	100.00	
Barber, Fannie C	do	600.00	
Buffington, B. C	do	160.00	
Murray, Anne R	do	131.67	
Randall, Goldie M	do	251.66	
Connell, L	do	453.33	
Miller, Mary E	do	39.17	
Connor, J. A	do	600.00	
Drayton, Hester E	do	415.00	
Thompson, A. H	do	150.00	
Drennon, L. E	do	600.00	
Duffy, Winifred	do	600.00	
Esputa, Mamie	do	589.99	
Gardner, L. A	do	600.00	
Gittings, Nellie B	do	600.00	
Greenstreet, Mary	do	38.33	
Hoffman, Ethel P	do	300.00	
Thompson, A. H	do	248.33	
Hayes, Rose A	do	560.00	
Keating, C. G	do	558.33	
Kennon, G. G	do	565.00	
Mack, Ella S	do	600.00	
Miller, S. J	do	600.00	
Murphy, C L	do	596.66	
Owens, Maud	do	600.00	
Pattee, G. L	do	50.00	
Thode, Joachim	do	550.00	
Phillips, Ella M	do	550.00	
Calhoun, K. B	do	50.00	
Rice, Nellie	do	600.00	

DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Division of Publications, 1907, $116,270"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Riggles, Bertha M	Clerk, at $600	$223.33	
Sullivan, Etta M	do	361.67	
Sexton, Martha A	do	600.00	
Shields, Elsie T	do	18.33	
Smith, Alice M	do	50.00	
Westlake, B. E	do	375.00	
Wright, Alice J	do	138.33	
Spaulding, K. O	do	600.00	
Sutton, Virginia	do	600.00	
Thorpe, J. A	do	600.00	
Wheelan, F. M	do	600.00	
Willson, A. R	do	600.00	
Wright, M. H	do	585.01	
Clime, W. S	Photographer, at $1,200	1,200.00	
Bullock, J. E	Assistant photographer, at $840	840.00	
Clement, John E	Skilled laborer, at $720	520.00	
Towers, C. W	do	180.00	
Fowler, Lorena C	do	720.00	
King, Geo. W	do	720.00	
Martin, E. L	do	720.00	
Poff, Matt	do	720.00	
Wanstall, Harriett	do	720.00	
Williams, H. H	do	720.00	
Young, W. H	do	720.00	
Apperson, M. L	Skilled laborer, at $600	600.00	
Augur, Laura	do	600.00	
Boernstein, Sig. G	do	75.00	
Jones, Vester S	do	475.00	
Buehne, August	do	85.00	
Goldsmith, B. H	do	263.33	
Puckett, Eulalia	do	100.00	
Calhoun, K. B	do	300.00	
Cleveland, M. L	do	68.33	
Ritchie, Ethel V	do	175.00	
Trudeau, E. L	do	38.33	
Danforth, L. V	do	600.00	
Daniels, Milton R	do	138.33	
Mulholland, M. B	do	456.67	
Emery, M. E	do	600.00	
Gill, A. B	do	600.00	
Grant, Cassius C	do	195.00	
Michaels, Manly M	do	250.00	
Youngblood, Wm. M	do	35.00	
Hoey, Jennie G	do	150.00	
Towers, C. W	do	450.00	
Laird, E. A	do	600.00	
Locke, Louisa K	do	111.67	
Quinn, Maggie	do	475.00	
Mulvahill, E	do	581.67	
Posey, Kate	do	585.00	
Roby, Hattie	do	590.00	
Smith, Ida G	do	600.00	
Turner, Amelia	do	600.00	
Twomey, John M	do	600.00	
Vrooman, M. S	do	600.00	
Payne, C. E	Messenger, at $840	840.00	
Lewis, Ella	Messenger, at $720	570.00	
Quinn, Maggie	do	150.00	
Peck, G. E	do	720.00	
Pfunder, Wm	do	480.00	
Phillips, C. E	do	240.00	
Barnette, Leon G	Messenger, at $660	50.00	
Mee, Homer	do	455.00	
Nowlin, Robert, jr	do	50.00	
Carter, Joseph C	Messenger, at $600	225.00	
Walter, Albert R	do	355.00	
Long, Michael	do	600.00	
Cleveland, Melvin D	Messenger, at $420	122.50	
Collins, Leon W	do	52.50	
MacFate, Joseph W	do	234.50	
Daniels, Milton R	do	261.34	
Key, Richard C	do	96.83	

DIVISION OF PUBLICATIONS—Continued.

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Division of Publications, 1907, $116,270"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ngle, Albert F	Messenger, at $420	$21.00	
ng, Thomas J	do	35.00	
ey, Richard C	Messenger boy, at $360	277.00	
ore, L. W	do	83.00	
gelo, F. M	Fireman, at $720	480.00	
Gregor, John	do	190.00	

tal amount of appropriations	$116,270.00
tal amount paid for salaries	115,211.69
Unexpended balance	1,058.31

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "Publications, Department of Agriculture (Farmers' Bulletins), 1907, $98,750."

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Miscellaneous supplies, etc.*—Con.	
tchel & Manning	$104.85	Southern Printers' Supply Co	$0.30
aham, Louis P	190.00		
nes Engraving Co., H. P	21.12	Total	514.14
yce Engraving Co., M	143.87		
nz Engraving Co., J	7.50	*Printing and binding.*	
tional Engraving Co	3.00		
entific Engraving Co	43.50	Public Printer	97,771.43

tal amount of appropriation	$98,750.00
tal expenditures under above groups	98,285.57
	464.43

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "Publications, Department of Agriculture (artists, etc.), 1907, $3,500."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
szewski, Leopole	Draftsman, at $4 per diem and $1,200 per annum	$1,085.34	
nold, Mary D	Assistant, at $720	720.00	
rter, Joseph C	Skilled laborer, at $480	300.00	
mlin, Robt. M	Messenger boy, at $420	149.33	
Total		2,254.67	

DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Publications, Department of Agriculture (artists, etc.), 1907, $3,500"—Continued.

Name.	Amount.
Stationery.	
Atender & Sons, Theo	$5.99
Morrison Paper Co., E	22.27
Schmidt, Fred A	50.06
Smith, Geo. W	4.60
Swayze, W. L	29.97
Total	112.89
Miscellaneous supplies, etc.	
Bell Photo Co., C. M	1.00
Du Perow, M	6.00
Fuertes, Louis Agassiz	10.00
Gatchel & Manning	12.75
Joyce Engraving Co., M	14.06
Kowastch, C	60.00
Lisner, A	6.00
Muth & Co., Geo. F	126.99
National Electrical Supply Co	32.00
Randolph Paper Box Co	54.25
Scientific Engraving Co	10.00
Smith, Geo. W	8.63
Southern Printers' Supply Co	7.80
Total	349.48
Express.	
United States Express Co	$2.45
Apparatus, instruments, and laboratory material.	
Bausch & Lomb Optical Co	2.25
Eastman Kodak Co	25.00
Feast & Co., H. D	27.06
Gilman, Z. D	25.70
Goerz American Optical Co	31.50
Haloid Company, The	46.40
Mackall Bros	53.36
Pullman, E. J	428.41
Schmidt, Fred A	17.00
Sheetz, W. Silas	4.00
Smith, Geo. W	7.29
Total	667.97

Total amount of appropriation	$3,500.00
Total expenditures under above groups	3,387.46
Unexpended balance	112.54

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Publications, Department of Agriculture (labor, etc.), 1907, $30,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Connell, L	Clerk, at $900	$207.50	
Pillow, Mary E	Clerk, at $480	4.00	
Thompson, Augusta H	do	161.33	
Johnson, Willette M	Clerk, at $1.50 per diem	144.00	
King, Roselia S	do	127.50	
Bayne, Patterson	Skilled laborer, at $720 and $840	830.00	
Sherwood, B. R	do	830.00	
Angelo, F. M	Skilled laborer, at $720	240.00	
Phillips, C. E	do	480.00	
Snyder, Frank	do	720.00	
Boernstein, Sig. G	Skilled laborer, at $2 and $2.50 per diem	583.50	
Barnette, Leon G	Skilled laborer, at $600	25.00	
Handy, John B	do	50.01	
Key, Mary T	do	483.33	
Noak, Louisa	do	600.00	
O'Neill, John J	do	415.00	
Alexander, Wm	Skilled laborer, at $480	32.00	
Little, Peter P	Laborer, at $1.50 per diem	43.50	
Perkins, Marion C	do	19.50	
Pyles, Edith M	do	36.00	
Townsend, Florence	do	18.00	
White, Wm. R	do	9.75	
Griffin, Milton R	Laborer, at $720	720.00	
Sinclair, N. T	Laborer, at $660	660.00	
Schaney, Edward	Laborer, at $600	600.00	
Contee, Clarence	Laborer, at $480	477.33	
Deakins, W. F	Messenger, at $840	840.00	

DIVISION OF PUBLICATIONS—Continued.

t of expenditures for the fiscal year ended June 30, 1907, under appropriation ublications, Department of Agriculture (labor, etc.), 1907, $30,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
, James	Messenger, at $840	$840.00	
ır, Wm	Messenger, at $720	30.00	
; Wm. H	Messenger boy, at $420	10.50	
s, Hugh	do	165.67	
th, Gerold G	do	227.50	
ıan, Wm. H	do	24.50	
, Benjamin	Watchman, at $720 and $840	599.00	
ı, Jacob	Folder, at $480	480.00	
ıs, Charity	Charwoman, at $480	480.00	
th, Elizabeth	do	480.00	
ore, Catharine	Charwoman, at $240	16.00	
ınd, M	do	20.00	
n, Cornelia	do	237.33	
Hattie O	do	222.67	
Lillian	do	219.33	
otal		13,409.75	

t of expenditures for the fiscal year ended June 30, 1907, under appropriation ublications, Department of Agriculture (labor, etc.), 1907, $30,000"—Continued.

Name.	Amount.
Stationery.	
an News Co	$2.10
vs Paper Co., R. P	66.84
tyne, R. Carter	44.06
gent expenses, Department of ulture	78.37
n & Co., H. C	18.00
t of Columbia Paper Manu- ring Co	40.32
Pencil Co	4.49
Co	7.75
& Tilden	19.89
y Bureau	6.25
ieyr, Philip	3.60
ch Typewriter Co	5.00
, D. Frank	46.25
gton Typewriter Co	38.40
, W. L	479.49
Envelope Co	51.40
States Envelope Co	6,957.37
otal	7,869.58
Miscellaneous supplies.	
atic Switchboard Co	10.50
& Kelly	2.50
arten Co., Herman	1.25
Co	31.70
co, Joseph	2.10
Thos. F	100.00
& Stephenson	153.04
., A. B	61.00
ow, M	10.90
ston, Chas. R	3.60
Co	976.44
& Co., J. C	10.72
& Co., C. A	3.80
& Shafer Co	6.45
l & Co., P. H	12.00
& Tilden	21.11
irgh & Bro	4.00

Name.	Amount.
Miscellaneous supplies—Continued.	
May & Co., F. P	$12.00
Monarch Typewriter Co	80.05
Muddiman & Co., C. A	8.00
Muth & Co., Geo. F	2.10
National Electric Supply Co	13.25
Nawrath, J. P	189.88
Oliver Machinery Co	5.80
Potomac Electric Power Co	12.00
Reilly, Hugh	2.15
Remington Typewriter Co	53.90
Rudolph & West Co	68.80
Schondam & Lynch	10.50
Seamark, Harry F	7.00
Shore, Chas	19.00
Thompson, C. W	24.42
Topham, James C	9.50
Typewriter and Office Supply Co	3.00
Underwood Typewriter Co	86.00
Van Fleet, C. W	2.12
Warner, L	2.75
Woodward & Lothrop	5.50
Total	2,051.78
Furniture.	
Elliott Co	37.50
Hoeke, W. H	7.98
Lansburgh & Bro	1.50
Lansburgh Furniture and Carpet Co., J	12.00
Library Bureau	255.00
Moses & Sons, W. B	158.35
Woodward & Lothrop	93.25
Yawman & Erbe Manufacturing Co	6.00
Total	571.58
Freight.	
Pennsylvania R. R. Co	3.05

DIVISION OF PUBLICATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Publications, Department of Agriculture (labor, etc.), 1907, $30,000"—Continued.

Name.	Amount.	Name.	Amount.
Express.		*Rent*—Continued.	
Adams Express Co	$7.85	Washington Safe Deposit Co	$60.00
United States Express Co	4.64	Total	5,060.00
Total	12.49	*Gas and electricity.*	
Telegraph.		Potomac Electric Power Co	651.96
Postal Telegraph-Cable Co	.68	Washington Gas Light Co	102.40
Western Union Telegraph Co	2.47	Total	754.36
Total	3.15	*Apparatus, instruments, and laboratory material.*	
Telephone.		Gilman, Z. D	4.50
The Chesapeake and Potomac Telephone Co	46.18	Mackall Bros	11.68
Rent.		Meier Co., Geo	32.00
Allen (Wm. H. H.) and Chas. W. Ricketts	5,000.00	Total	48.18

Total amount of appropriation	$30,000.00
Total expenditures under above groups	29,820.10
Unexpended balance	179.90

RECAPITULATION.

Statutory salaries	115,211.60
Lump-fund salaries, in Washington	15,664.42
Stationery	7,982.47
Miscellaneous supplies and services, equipment, books, machinery, etc	2,905.40
Furniture	571.58
Freight	3.05
Express	14.94
Telegraph	3.15
Telephone	46.18
Rent	5,060.00
Gas and electricity	754.36
Apparatus, instruments, and laboratory material	716.15
Printing and binding	97,771.43
Total for entire Division of Publications	246,704.82
Total amount of appropriations	248,520.00
Total expenditures under above groups	246,704.82
Unexpended balance September 30, 1907	1,815.18
Outstanding liabilities	0.00
Balance to be turned back into Treasury	1,815.18

BUREAU OF STATISTICS.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Statistics, 1907, $97,660."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
, Victor H.	Statistician, at $3,500	$2,838.89	$200.45
. C.	Assistant statistician, at $2,200	1,784.44	416.15
Nat. C.	do	354.45	1,217.05
ty, C. M.	Editorial assistant, at $2,300	2,300.00	937.84
E. J.	Chief clerk, at $1,800	1,800.00	.....
. J.	Clerk, class 4	1,800.00	.....
t, J. H.	do	1,800.00	.....
n, G. R.	do	1,800.00	.....
. A.	do	1,800.00	.....
v, I. M.	do	1,500.00	12.79
F. R.	do	1,800.00	265.17
t. E.	do	1,800.00	.....
. W.	do	1,800.00	.....
on, E. S.	do	1,800.00	.....
s, Frank	Clerk, class 3	1,600.00	173.11
Almont.	do	862.19	.....
H. C.	do	400.00	.....
J. R.	do	1,600.00	.....
H. R.	do	1,600.00	.....
fiddleton	do	1,600.00	.....
W.	do	1,600.00	.....
F. C.	Clerk, class 2	1,400.00	.....
, H. C.	do	1,050.00	.....
s, F. A.	do	350.00	.....
A. M.	do	1,400.00	.....
, E. G.	do	1,400.00	.....
ghue, Clara	do	1,400.00	.....
J. G.	do	1,400.00	.....
E. H.	do	1,400.00	.....
k, Leulah	do	972.23	.....
M. F.	do	1,400.00	.....
, J. J.	do	1,400.00	.....
, Flora	do	1,400.00	.....
n, M. E.	do	1,388.34	.....
illian.	Clerk, at $1,300	379.17	.....
M. M.	do	920.83	.....
, C. P.	do	1,300.00	.....
S. G.	Clerk, class 1	1,200.00	.....
f. S.	do	1,200.00	.....
illian.	do	850.00	.....
er, C. M.	do	350.00	.....
. L.	do	1,200.00	.....
C. B.	do	1,200.00	.....
. M.	do	300.00	.....
s, F. A.	do	900.00	.....
. M.	do	1,200.00	.....
. H.	do	1,183.34	.....
Sarah	do	1,200.00	.....
Celina.	do	1,200.00	.....
n, V. K.	do	1,200.00	.....
A. M.	do	1,180.00	.....
. B.	do	1,123.34	.....
H. J.	Clerk at $1,100	275.00	.....
. M.	do	825.00	.....
an, R. B.	Clerk, at $1,000	975.00	.....
r, Lewis	do	444.45	.....
rank H.	do	97.22	.....
Felix T.	do	450.01	.....
Gertrude	do	333.34	.....
Eugene.	do	666.66	.....
. E.	do	991.66	.....
M. M.	Clerk, at $1,000	291.67	.....
er, C. M.	do	708.33	.....
S. E.	do	1,000.00	.....
f. R.	do	1,000.00	.....
Nettis.	do	994.44	.....
M.	do	166.66	.....
rd, E. G.	do	747.22	.....
f. L.	do	1,000.00	.....
H. J.	Clerk, at $840	630.00	.....
Gertrude.	do	557.67	.....
D.	do	268.33	.....

BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Bureau of Statistics, 1907, $97,660"—Continued.

STATUTORY SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Noah, Esther	Clerk, at $840	$627.67	
Woodward, E. G	do	186.67	
Sammis, E. C	do	315.00	
Sartor, L. E	do	525.00	
Alexander, S. C	Clerk, at $720	700.00	
Babbitt, George H	do	512.00	
Simpson, John M	do	166.00	
Ballard, N. P	do	686.00	
Bell, Florence	do	450.00	
Sartor, L. E	do	270.00	
Bostwick, Helen M	do	540.00	
Noah, Esther	do	180.00	
Cavanagh, J. L	do	480.00	
Haas, J. P. M	do	226.00	
Collins, F. P	do	228.00	
Lee, W. D	do	490.00	
Connor, R. L	do	720.00	
Eaton, C. E	do	90.00	
Powell, M. W	do	502.00	
Lederer, B. B	do	720.00	
Peabody, John	do	720.00	
Bell, Florence	Clerk, at $600	201.67	
Michaels, M. M	do	350.00	
Bostwick, Helen M	do	150.00	
Fitch, William R	do	403.33	
Cavanagh, J. L	do	200.00	
Elliott, Perry	do	346.67	
Collins, F. P	do	378.33	
Raymond, Mary J	do	150.00	
Eaton, C. E	do	525.00	
Brent, N. W	Messenger, at $840	840.00	
Wharton, J. J	do	840.00	

Total amount of appropriation	$97,660.00
Total amount paid for salaries	94,829.22
Unexpended balance	2,830.78

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Collecting agricultural statistics, 1907, $108,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Clark, Charles C	Associate statistician, at $2,800	$528.89	
Peters, E. T	Special agent, at $7, and compiler, at $7 per diem.	105.00	
Masius, A. G	Assistant, at $5 per diem	60.00	
Barnes, Almont	Clerk, at $1,200	96.67	
Halsey, S. W	Clerk and special agent, at $840	259.01	
Haase, J. P. M	Clerk, at $720	60.00	
Cratty, James A	Plumber, at $4 per diem	116.00	
Freedman, Chas	Carpenter, at $3.50 per diem	1,071.00	
Phillips, Wm. L	Painter, at $3.50 per diem	850.00	
Elmore, A. L	Laborer, at $720	720.00	
Beckman, G. E	Laborer, at $660 and $720	702.50	
Henson, James A	Laborer, at $50 per month	40.00	
Thompson, J. H	Watchman, at $660	485.83	
Elwood, Wm. A	Messenger, at $480 and $540	531.83	
Marscher, J. C., jr	Messenger boy, at $420 and $480	427.50	

BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Collecting agricultural statistics, 1907, $108,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Cont'd.			
Jones, May	Charwoman, at $540	$534.00	.....
Dietz, Christine	Charwoman, at $480	480.00	.....
Tinney, Virginia	....do	480.00	.....
Total		7,548.73	.....
Out of Washington.			
White, B. C	Special field agent and chief inspector, at $8 per diem, and special field agent, at $2,000 per annum.	2,041.34	$2,384.03
Creel, H. M	Special field agent, at $7.50 per diem	2,340.00	1,502.44
Darg, John J	Special field agent, at $7 per diem and $1,800 per annum.	1,832.00	1,897.74
Murray, Nat. C	Special field agent, at $2,000	1,666.65	.....
Rhoads, Halsey M	....do	1,894.45	1,637.89
Fessenden, S. D	Special field agent, at $2,250	2,250.00	2,568.46
Gray, F. N	Special field agent, at $2,250 and $1,800	1,912.50	1,453.40
Gist, F. W	Special field agent, at $1,600	1,457.78	1,825.92
Johnson, Herman H	....do	1,497.78	1,217.36
Pinney, Frank S	....do	1,577.78	1,811.02
Evans, D. Lancey	Special field agent, at $1,200	1,200.00	1,639.60
Knorr, Geo. W	Special field agent, at $100 per month	1,200.00	1,139.87
Rickards, J. E	Special agent, at $2,000	1,999.99	285.89
Pryor, W. L	Special agent, at $1,800	1,800.00	1,956.40
Killebrew, J. P	Special agent, at $1,600	1,600.00	1,365.62
Eyerly, E. K	Special agent, at $75 per month	75.00	.....
Peterson, W. I	Special agent, at $480	120.00	.....
Bush, H. M	Special agent, at $40 per month	213.33	.....
Greaves, H. A	....do	480.00	.....
Gregor, John	....do	320.00	.....
McClelland, Geo. C	....do	140.00	.....
Mayland, E	....do	160.00	.....
Parker, E. C	Special agent, at $400	399.98	53.25
Clifford, John E	Special agent, at $20 per month	20.00	.....
Fligge, John	....do	20.00	.....
Hanson, Aslak	....do	20.00	.....
Hefferman, Patrick	....do	20.00	.....
Henderson, Henry	....do	20.00	.....
Hibbard, Fred C	....do	20.00	.....
Holden, Wm. H	....do	20.00	.....
Holte, Henry	....do	20.00	.....
Lyman, Geo. D	....do	20.00	.....
Marks, Hermann	....do	20.00	.....
Meehl, Henry E	....do	20.00	.....
Middleton, Chas. H	....do	20.00	.....
Miller, Geo	....do	20.00	.....
Myhrvold, John	....do	20.00	.....
Nichols, Chas. O	....do	20.00	.....
Pederson, L. W	....do	20.00	.....
Pike, Jabez W	....do	20.00	.....
Snyder, Henry R	....do	20.00	.....
Spong, Chas. J	....do	20.00	.....
Stennes, Edward T	....do	20.00	.....
Sulerud, C	....do	20.00	.....
Sulerud, John	....do	20.00	.....
Taylor, Chas. E	....do	20.00	.....
Taylor, Hyland	....do	20.00	.....
Cooper, Thomas P	Expert, at $25 per month	75.00	.....
Shaw, T. C	District chief, at $125 per month	1,462.50	938.58
Johnson, Jefferson	State statistical agent, at $1,100	1,100.00	393.25
Hutchinson, E. C	State statistical agent, at $900	300.00	.....
Anderson, Thos. J	State statistical agent, at $800 and $900	891.66	38.46
Burgess, A. F	State statistical agent, at $800	91.10	.....
Cownie, John	State statistical agent, at $800 and $900	891.66	.....
Duncan, W. C	....do	891.66	157.55
Harwood, Sarah K	....do	891.66	194.45
McCall, A. G	State statistical agent, at $800	600.00	66.62
Northern, W. J	State statistical agent, at $720 and $800	793.34	133.57
Dawley, F. E	State statistical agent, at $700 and $900	791.67	88.87

BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Collecting agricultural statistics, 1907, $108,000"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington—Cont'd.			
Morse, Chas. H	State statistical agent, at $700	$700.00	$210.41
Moulton, L. T	State statistical agent, at $700 and $800	791.67	167.33
Rogers, P. A	....do	791.67	145.64
Whitmore, Wm. G	State statistical agent, at $700 and $800	791.67	
Knapp, S. A	State statistical agent, at $660 and $720	715.00	98.00
Shaw, P. W	State statistical agent, at $650	200.42	
Allen, Chas. W	State statistical agent, at $600	600.00	77.58
Boardman, C. D	State statistical agent, at $600 and $700	691.67	81.15
Kaufman, E. E	....do	691.67	
Koiner, G. W	State statistical agent, at $600	121.67	
Koiner, L. M	....do	250.00	
Merriman, Geo. L	State statistical agent, at $600 and $660	655.00	136.89
Scherbel, E. F	....do	655.00	127.21
Todd, M. R	State statistical agent, at $600	600.00	246.20
Thomas, R. H., jr	....do	550.00	
Thomas, R. H., sr	....do	50.00	
Hemphill, E. M	State statistical agent, at $550 and $650	425.00	106.75
Lane, James H	....do	641.67	59.60
Stewart, R. A	State statistical agent, at $550	91.67	
Bradford, H. T	State statistical agent, at $500	500.00	231.65
Brooks, Fred E	State statistical agent, at $500 and $550	417.50	31.94
Corley, Jacob J	State statistical agent, at $500 and $600	591.66	131.94
Des Granges, H. W	....do	591.66	19.10
Kent, F. L	State statistical agent, at $500	416.67	111.60
Tatlock, E. W	....do	136.11	
Withers, W. A	State statistical agent, at $500 and $600	591.66	327.97
Hawley, A. M	State statistical agent, at $450 and $500	495.84	230.90
Hayden, James A	....do	495.84	89.08
Perry, Geo. W	....do	495.84	90.55
Yaeger, Harry	....do	495.84	97.30
Nelson, Wm	State statistical agent, at $400 and $500	345.83	
Adams, Geo. E	State statistical agent, at $300	300.00	
Cox, John T	State statistical agent, at $300 and $350	345.84	
Gold, Chas. L	State statistical agent, at $300	300.00	
Howe, Elmer D	....do	300.00	
Matthews, R. S	State statistical agent, at $300 and $360	355.00	222.20
Morton, Daniel E	State statistical agent at $300 and $360	355.00	
Rosa, John J	State statistical agent, at $300	300.00	
Vail, Homer W	....do	300.00	
Wiggin, Edward	....do	300.00	
Total		55,882.90	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Collecting agricultural statistics, 1907, $108,000"—Continued.

Name.	Amount.	Name.	Amount.
Stationery.		*Stationery.*	
Andrews Paper Co., R. P	$35.17	United States Envelope Co	$2,874.64
Ballyntyne R. Carter	63.65	Yawman & Erbe Manufacturing Co	24.75
Contingent Expenses Department of Agriculture	31.48	Total	4,993.08
District of Columbia Paper Manufacturing Co	9.60		
Eagle Pencil Co	3.10	*Miscellaneous supplies, etc.*	
Lamb & Tilden	4.00		
Library Bureau	117.45	Barber & Ross	16.50
Lindemeyer, Philip	20.00	Bates, James G	1.55
Newman, E. S	10.00	Becker, C	29.30
Parker, D. Frank	179.94	Becker & Co., Charles	10.65
Remington Typewriter Co	56.20	Burroughs Adding Machine	20.00
Schmidt, Fred A	2.94	Bushnell Co., Alvah	10.25
Swayze, Bailey & Co	205.70	Capital Paper Box Co	12.00
Swayze, W. L	853.01	Capital Traction Co	11.00
Union Envelope Co	501.45	Church & Stephenson	272.44

BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Collecting agricultural statistics, 1907, $108,000"—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Cornwell & Son, H. G	$9.45
Dulin & Martin Co	11.80
Du Perow, M	30.91
Elliott & Co, James	11.75
Ergood & Co., J. C	19.17
Espey, John B	5.00
Gall-Webb Manufacturing Co	28.25
Gilman, Z. D	.90
Hammond Typewriter Co	3.68
Harris & Schafer Co	13.20
Hartig, Louis	8.41
Heiskell & Co., P. H., jr	1.00
Hygienic Soap Granulated Co	40.50
Iowa Publishing Co	.75
Joyce Engraving Co., M	.50
Lamble Co., James B	7.17
Lansburgh Bros	33.22
Mackall Bros	14.65
Mann & Co., P	8.50
Minnix Co. (Incorporated), N. M	5.75
Muth & Co., Geo. F	48.46
National Electric Supply Co	14.25
Nawrath, J. P	4.98
Newman, E. S	7.00
Post-Office Department (disbursing clerk)	23.20
Postmaster, Washington, D. C	90.00
Potomac Electric Power Co	4.80
Rand, McNally & Co	10.00
Rau, John C	12.50
Reilly, Hugh	23.68
Remington Typewriter Co	117.95
Rudolph & West Co	76.44
Schneider's Sons, C	.50
Smith Premier Typewriter Co	4.45
Southern Printers' Supply Co	250.10
Topham, James S	120.00
Typewriter Office Supply Co	3.60
Underwood Typewriter Co	263.10
Total	1,713.26
Furniture.	
Hoeke, W. H	122.89
Lansburgh Furniture and Carpet Co. J	54.75
Moses & Sons, W. B	262.53
Underwood Typewriter Co	9.00
Woodward & Lothrop	158.64
Yawman & Erbe Manufacturing Co	1,537.00
Total	2,144.81
Freight.	
Roosa, I. P	3.95
Express.	
Adams Express Co	23.84
United States Express Co	35.23
Total	59.07
Telegraph.	
Postal Telegraph Cable Co	20.85
Western Union Telegraph Co	419.90
Total	440.75
Telephone.	
Chesapeake and Potomac Telephone Co	$16.03
Printing and binding.	
Public Printer	530.23
Travel and station and field expenses.	
Allen, C. W	77.58
Anderson, Thos. J	38.46
Andrews, Frank	173.11
Boardman, C. D	181.15
Bradford, H. T	231.65
Brooks, F. E	31.94
Clark, C. C	416.15
Corley, J. J	131.94
Creel, H. M	1,502.44
Darg, John J	1,897.74
Daugherty, Chas. M	491.98
Dawley, F. E	89.97
Desgranges, H. W	19.10
Duncan, W. C	157.56
Evans, DeLancey	1,639.65
Fessenden, Stephen D	2,568.26
Gist, F. W	1,825.92
Gray, F. N	1,453.48
Harwood, S. K	194.45
Hawley, A. M	230.90
Hayden, James A	89.08
Hemphill, E. M	106.75
Johnson, Herman H	1,217.96
Johnson, Jefferson	393.25
Kent, F. L	111.60
Killebrew, J. P	1,365.62
Knapp, S. Arthur	98.00
Knorr, G. W	1,139.87
Lane, James H	59.60
McCall, A. G	66.65
Matthews, Reuben S	222.20
Merriman, George L	136.89
Morse, C. H	210.41
Moulton, L. T	167.33
Murray, Nat C	1,217.05
Northen, W. J	133.52
Olmstead, Victor H	200.45
Parker, Edward C	53.25
Perry, Geo. W	90.55
Pinney, Frank S	1,811.02
Pryor, W. L	1,956.40
Rhoads, H. M	1,637.89
Richards, J. E	285.89
Rogers, Plum A	145.64
Rubinow, I. M	12.79
Rutter, Frank R	265.17
Scherbel, E. F	127.21
Shaw, T. C	938.58
Todd, McKenzie R	246.20
White, B. C	2,384.03
Withers, W. A	327.97
Yaeger, Harry	97.30
Total	30,571.95

Total amount of appropriation	$108,000.00
Total expenditures under above groups	103,904.76
Unexpended balance	4,095.24

BUREAU OF STATISTICS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Collecting agricultural statistics (foreign markets), 1907, $4,900."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Holmes, G. K.	Chief, division of foreign markets, at $2,500, and chief of foreign markets, at $2,750.	$2,677.09	.....
Masius, A. G.	Assistant, at $5 per diem	775.00	.....
Lee, B. E.	Charwoman, at $480	480.00	.....
Total		3,932.09	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Collecting agricultural statistics (foreign markets), 1907, $4,900"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.		*Travel and station and field expenses.*	
Morschhauser, W. A.	$475.00	Daugherty, Chas. M.	$445.86

Total amount of appropriation	$4,900.00
Total expenditures under above groups	4,852.95
Unexpended balance	47.05

RECAPITULATION.

Statutory salaries	$94,829.22
Lump-fund salaries:	
In Washington	11,480.82
Outside of Washington	55,882.90
Stationery	4,903.08
Miscellaneous supplies and services, equipment, books, machinery, etc	2,188.26
Furniture	2,144.81
Freight	3.96
Express	59.07
Telegraph	440.75
Telephone	16.08
Printing and binding	530.23
Travel and station and field expenses	31,017.81
Total for entire Bureau of Statistics	205,586.98
Total amount of appropriations	210,560.00
Total expenditures under above groups	203,586.98
Unexpended balance September 30, 1907	6,973.02
Outstanding liabilities (estimated)	1,277.13
Balance to be turned back in Treasury (estimated)	5,695.94

BUREAU OF STATISTICS—Continued.

PROJECTS.

The principal projects conducted by the Bureau of Statistics during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains:

Crop reports	$131,017.82
Bulletin No. 50, Hops in Principal Countries	160.67
Bulletin 52, Imports of Farm and Forest Products, 1904–1906, and Bulletin 53, Exports of Farm and Forest Products, 1904–1906	568.88
Bulletin 54, Trade with Noncontiguous Possessions in Farm and Forest Products, 1904–1906	60.28
Bulletin (British Dairy)	688.16
Bulletin 55, Meat Supply and Surplus	351.28
Bulletin 62, Production of Potatoes, and Bulletin 63, Production of Hay	690.64
Bulletin 65, Russian Wheat Production, and Bulletin 66, Russian Wheat and Flour Trade in European Countries	1,240.87
Bulletin 67, Ocean Freight Rates	193.96
Bulletin 69, European Grain	1,085.93
Bulletin (World's Cotton)	182.32
Yearbook Appendix	1,828.45
Bulletin 49, Costs of Hauling Crops from Farm to Shipping Points	309.53
Statistics of rural schools	2,350.94
Cooperative work with Minnesota Experiment Station (Bulletin 48, The Cost of Producing Farm Products)	2,461.57
Bulletin (Farm Wages)	6,402.25
Total	149,593.55

LIBRARY.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, library, Department of Agriculture, 1907, $15,880."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Clark, J. A	Librarian, at $2,000	$1,833.34	
Barnett, C. R	Assistant librarian, at $1,400	1,400.00	$14.25
Colman, M. A. S	Clerk (and translator), at $1,200	900.00	
Hawks, E. B	Cataloguer, at $1,200	1,200.00	25.05
Thompson, H. M	Cataloguer, at $1,000	1,000.00	
Knapp, Abbie R	do	458.33	
Ogden, E. L	do	541.66	
Sewall, M. L	do	888.89	
Bollinger, Lewis	Clerk, at $900	405.00	
Moore, Felix T	do	95.00	
Wasner, Wendell H	do	400.00	
Thompson, M. F	do	900.00	
Upton, G. E	do	900.00	
Knapp, A. R	do	337.50	
Rynex, Minnie L	do	412.50	
Raub, R. D	Clerk, at $840	315.00	
Rynex, Minnie L	do	140.00	
Sherman, C. B	do	105.00	
Smith, Florence P	do	280.00	
Parker, Fannie L	Clerk, at $720	330.00	
Sherman, C. B	do	270.00	
Rynex, Minnie L	do	270.00	
Upton, K. G	do	390.00	
Smith, Moses	Messenger, at $720	720.00	
Campbell, W. S	Messenger, at $480	60.00	
Morgan, R. H	do	420.00	

Total amount of appropriation	$15,880.00
Total amount paid for salaries	14,972.22
Unexpended balance	907.78

LIBRARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Library, Department of Agriculture, 1907, $10,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Gardner, Bertha L.	Clerk, at $720 per annum	$60.00	
Spence, Mary L.	Library assistant, at $300 per annum	20.00	
Cash, Lillian	Clerk, at $300 per annum	25.00	
Total		105.00	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Library, Department of Agriculture, 1907, $10,000"—Continued.

Name.	Amount.
Stationery.	
Bates Manufacturing Co	$0.27
Library Bureau	33.50
Total	33.77
Miscellaneous supplies, etc.	
A. L. A. Publishing Board	13.51
Allyn Publishing Co., D. E	2.00
American Grocer	3.00
American Journal of Physiology	5.00
American Medicine Publishing Co	.30
American School of Home Economics	14.40
Baer & Co., Joseph	26.03
Ballantyne & Sons, Wm	350.89
Barrick Publishing Co	5.00
Bartels & Co., Howard	10.00
Beal, Wm. J	1.00
Bennett & Co., Frank S	4.00
Bit & Spur Publishing Co	4.00
Blakiston's Son & Co., P	12.45
Bods, Martin	1.15
Borgman, Emil	130.00
Bowker, R. B	4.50
Brentanos' (Incorporated	68.87
Britten, N. L	1.50
Brown, J. Hardie	.87
Brown, John P	2.80
Bureau of Printing	5.00
Butler, C. I	2.00
California Fruit Grower	2.00
Canner Publishing Co	3.00
Carleton, L. T	1.00
Carnegie Institution of Washington	5.00
Castor & Co., C. & H	32.60
Challamel, Augustin	23.69
Clifton, H. T	.30
Commercial Newspaper Co	6.00
Commercial Review	3.00
Comtelburo (Limited	10.22
"Condor" The	1.00
Curtis Guild & Co	4.00
Dana Company, Wm. B	10.00
Delaware Valley Ornithological Club	1.00
Dewey, Melvil	2.16
Edwards, Francis	2.62
Ellis, C. W. H	6.00
Evening Commercial Trade List	29.20
Evermann, Barton W	.80
Field, Edward S	15.37
Field and Farm	4.00
Franck, Geo	2.00

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Freight Publishing Co	$3.00
Friedlander & Sohn, R	257.38
Fruit Trade Journal	2.00
Fruit World Publishing Co	1.00
Georg & Co	2.08
Gibb Bros. & Moran	3.00
Goossens, A	5.79
Gray Herbarium of Howard University	133.91
Greene, Edward L	3.00
Harding Publishing Co., A. R	1.00
Hawaiian Gazette Co. (Limited)	2.50
Heller, A. A	1.00
Holway, E. W. D	2.00
Houghton, F. L	2.00
Hubner, Ernest	2.08
Johnston, A. P	20.00
Journal of Commerce and Commerce Bulletin	30.24
Journal of Experimental Medicine	5.00
Junk, W	102.80
Keener & Co., W. T	6.21
Kerremans, Ch	4.00
Klincksieck, Paul	21.40
Knight & Co., Thomas A	3.00
Kuhlman, Julius	.15
Lawyers' Cooperative Publishing Co	27.00
Lea Brothers & Co	9.00
Lemcke & Buechner	528.30
Libbie & Co., C. F	1.00
Linton, Mrs. M. A	3.25
Lippincott Co., J. B	4.85
Longmans, Green & Co	33.00
Lord & Nagle Co	6.00
Louisiana Planter, The	3.00
Lowdermilk & Co., W. H	598.58
Luneburg, H	8.32
Macmillan Co	30.46
Maine Sportsman	1.00
Mark Lane Express	4.26
Moore, W. H	387.90
Municipal Engineering Co	2.00
Do	3.00
Munn & Co	4.00
National Railway Publishing Co	29.33
New York Botanical Gardens	1.50
New York Maritime Register	35.00
New York State Grange	2.00
Nijhoff, Martinus	28.36
O'Connor Market Reporter Co	5.00
Oil, Paint and Drug Reporter	14.00
Orange Judd Company	1.00

LIBRARY—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Library, Department of Agriculture, 1907, $10,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies, etc.—Con.		*Miscellaneous supplies, etc.*—Con.	
Outing Publishing Co	$3.00	Taltavall, J. B	$0.50
Pantagraph, The	1.00	Tharp, Thomas	6.40
Patriot Pubg. Co	1.00	Tilden, Josephine E	2.25
Peck, H	15.00	Torrey Botanical Club	1.30
Photographic Times Pub. Co	.75	"Trade"	2.00
Plant World	1.00	True, R. H	1.00
Poynder, G. A	1.66	Underwood, L. M	11.83
Presbyterian Mission Press	10.36	University of Penna. Press	2.00
Preston & Rounds Company	23.25	University Pub. Co	3.90
Publishers' Weekly	3.50	Van Nostrand Co., D	6.00
Railroad Gazette	5.00	Wahr, George	1.00
Railway Equipment & Publishing Co	7.00	Weg, Max	75.92
Rand, McNally & Co	10.50	Welter, H	3.20
Rebman Company	2.50	Wesley & Son, Wm	935.59
Review of the River Plate	7.50	West Pub. Company	81.75
Rhoads, S. N	3.60	White & Co., James T	8.00
Rich, John S	252.00	Wiley & Sons, John	16.51
Rich, Wm. P	1.00	Willett & Gray	15.00
Ridgway Company	.60	Wilson Co., Publisher	10.00
Riley, Joseph H	10.00	Wilson Co., H. W	20.00
Root Co., A. I	15.00	Woodward & Lothrop	17.10
Roper-Hunter Co., Inc	.50	Wytsman, P	3.50
Roper-Hunton Co	1.50	Total	7,717.36
Saunders Co., W. B	6.00		
Scribner, Louise G	5.00	*Furniture.*	
Shephard Co., Frank	6.00		
Smith, Mrs. A. M	1.00		
Smithsonian Institution	45.80	Library Bureau	103.50
Societa Entomologica Italiano	2.25		
Southern Educational Review	2.00	*Printing and binding.*	
Southern Lumber Journal	3.00		
Spanish American Book Co	8.00	Public Printer	888.90
Spon & Chamberlain	7.50		
Sportman's Journal Pub. Co	1.00	*Travel and station and field expenses.*	
Statute Law Book Co	7.06		
Stechert & Co., G. E	2,635.78	Barnett, Claribel R	14.25
Superintendent of Documents	3.00	Hawks, Emma B	25.05
Sutphin Co., I. V	12.00	Total	39.30
Swayze, W. L	144.00		

Total amount of appropriation	$10,000.00
Total expenditures under above groups	8,887.83
Unexpended balance	1,112.17
Repayments to credit of appropriation on account of sale of card index	15.58
Net unexpended balance	1,127.75

RECAPITULATION.

Statutory salaries	$14,972.22
Lump-fund salaries in Washington	105.00
Stationery	33.77
Miscellaneous supplies and services, equipment, books, machinery, etc	7,717.36
Furniture	103.50
Printing and binding	888.90
Travel and station and field expenses	39.30
Total for entire library	23,860.05
Total amount of appropriations	25,880.00
Total expenditures under above groups	23,860.05
Unexpended balance	2,019.95
Repayments to credit of appropriations	15.58
Net unexpended balance September 30, 1907	2,035.53
Outstanding liabilities (estimated)	712.66
Balance to be turned back in Treasury (estimated)	1,322.87

LIBRARY—Continued.

PROJECTS.

The principal projects conducted by the library during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Administration—salaries	$5,255.84
Cataloguing and indexing—salaries	4,285.83
Translating—salary	900.00
Recording and care of periodicals—salaries	3,735.55
Loan desk—salary	900.00
Traveling expenses	39.30
Binding	888.90
Books, periodicals, and miscellaneous supplies	7,854.63
	23,860.05

Paid from appropriations for 1907, as follows:

Salaries, library	14,972.22
General expenses, library	8,887.83
	23,860.05

OFFICE OF THE CHIEF CLERK.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, $37,000.

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Roosa, I. P	Dispatch agent, at $400	$400.00	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, $37,000—Continued.

Name.	Amount.	Name.	Amount.
Stationery.		*Miscellaneous supplies, etc.*	
American Lead Pencil Co	$35.28	Addressograph Co	$2.75
Andrews Paper Co., R. F	595.45	Allen Mfg. Co., W. D	6.00
Ballantyne, R. Carter	244.69	American Automatic Disinfectant Co.	78.30
Carter-Crume Co., (Ltd)	6.00	American Watchman Time Detective Co	3.90
Davison & Co., H. C	292.40	Armour & Co	9.00
District of Columbia Paper Mfg. Co	85.68	Barber, Geo. E	74.00
Eagle Pencil Co	56.83	Barber & Ross	54.91
Lamb & Tilden	121.46	Bates, J. G	1.55
Library Bureau	144.45	Bausch & Lomb Optical Co	.40
Lincoln, Fred S	26.93	Becker, C	138.95
Lindemeyr, Philip	204.00	Becker & Co., Charles	151.25
Morrison Paper Co., E	13.40	Bensinger & Co., S	20.00
Newman, E. S	12.00	Bernasco, J	148.75
Parker, D. Frank	868.48	Berry & Whitmore Co	4.50
Remington Typewriter Co	47.87	Boston Transcript Co	18.00
Sharp & Sons, F	50.85	Brooks Co., E. F	51.00
Smith Mfg. Co., R. H	33.80	Bryant, A. L	30.00
Swayze, W. L	4,405.53	Burrelles Press Clipping Bureau	210.00
Underwood Typewriter Co	2.25	Burroughs Adding Machine Co	468.64
Union Envelope Co	145.25	Capital Traction Co	20.00
United States Envelope Co	596.21	Catlin Co., Elmer H	6.05
Yawman & Erbe Mfg. Co	29.84	Chamberlin Metal Weather Strip Co	31.00
Total	8,018.65	Chesapeake and Potomac Telephone Co	2.85

OFFICE OF THE CHIEF CLERK—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, $37,000—Continued.

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Chicago Record-Herald	$38.00
Church & Stephenson	928.47
Congers Laundry and Carpet Cleaning Co	243.08
Cooper-Hewitt Electric Co	59.00
Cotton, Jones S	261.55
Crowl Co., Pearre E	20.50
Densmore Typewriter Co	78.50
Doremus Machine Co	2.00
Droop & Sons Co., E. F	113.48
Dulin & Martin Co	3.30
DuPerow, M	99.03
Dyer, Wm. H	65.25
Eastman Kodak Co	24.00
Edmonston, Chas. R	105.70
Elliott & Co., James	137.98
Ergood & Co., J. C	291.31
Espey, John B	10.41
Evening Star Newspaper Co	12.75
Fries, Beall & Sharp Co	5.08
Fritch & Son, Geo. T	41.25
Fulton & Co., Chas. C	13.50
Groff, D. F	7.50
Hammond Typewriter Co	5.50
Hartig, Louis	62.04
Hazleton, E. P	2.25
Heiskell, jr., & Co., P. H	90.38
Hinton, Agnes	4.00
Hoge & McDowell Co	677.60
Holtzer-Cabot Electric Co	33.00
Home Ice Co	1,304.29
Hoosier Drill Co	1.94
Hurley, J. E	2.00
Hutchinson, Wm. Seely	118.75
Hygienic Soap Gran. Co	39.50
Jenkins, Chas. S	55.00
Joyce Engraving Company, M	2.25
Keasby & Mattison Co	9.14
Kellogg Switchboard and Supply Co	194.73
Kendall, J. B	21.29
Lacy, Wm. H	17.00
Lamb & Tilden	28.21
Lambie Co., J. & B	220.09
Lansburgh & Bro	132.85
Lee, J. S	6.00
Lutz & Co	8.00
McCubbin Co., C. J	39.63
McReynolds Sons, R	81.75
Mackall Brothers	157.65
Macklem, J. J	32.00
Macnichol & Son	470.00
Menchen Electric Co., Jos	25.00
Miles Brothers	235.64
Mineralized Rubber Co	14.00
Minnix Co. (Incorporated), N. M	5.00
Monarch Typewriter Co	160.00
Montgomery & Co	4.65
Morgan & Wright	216.97
Munson Supply Co	17.50
Muth & Co., Geo. F	454.28
Mutual District Messenger Co	40.00
National Electric Supply Co	85.18
National Mortar Co	27.70
National Pipe Bending Co	42.62
Newrath, J. P	123.10
New York Cycle Co	57.55
New York Times Co	38.00
Niagara Radiator Co	11.89
Nicholson & Son, Jas. A	451.50
Nolan & Sons, Jas	20.00
Pike Adding Machine Co	340.00
Postmasters	2,500.00
Potomac Electric Power Co	10.00
Press Company	19.00
Rand, McNally & Co	11.00
Rau, John C	$64.02
Reed, P. G	19.80
Reilly, Hugh	166.76
Remington Typewriter Co	205.84
Rudolph & West Co	269.94
San Francisco Call	8.00
Sanders, R. L	25.20
Schafer & Co., E. G	275.17
Schondan & Lynch	77.75
Shore, Charles	21.10
Smith, B. A	5.00
Smith Mfg. Co., R. H	17.85
Smithsonian Institution	66.35
Somerville & Sons, Thomas	726.21
Southern Printers Supply Co	238.31
Standard Oil Co	16.48
Stannard, Ambrose B	28.13
Stewart & Co	611.20
Stewart Elec. Co., Frank H	19.24
Strasburger, Jos	1.00
Sun Printing and Publishing Association	6.00
Thompson, L. L	27.95
Topham, Jas. S	18.50
Trenis, Bert E	1.02
Tribune Association	32.00
Tribune Company	38.00
Typewriter and Office Supply Company	505.00
Underwood Typewriter Co	446.55
Van Fleet, C. W	45.00
Walford, D. N	14.65
Walker Sons, J. T	.40
Washington Herald Co	10.50
Washington Post Co	13.50
Washington Times Co	14.25
West Disinfecting Co	33.33
Westinghouse Electric and Manufacturing Co	1.16
White, Fred J	26.03
Woodward & Lothrop	363.27
Wyne & Co., J. R	6.51
Xylotite Product Co	3.19
Total	16,793.07
Furniture.	
Doten-Dunton Desk Co	32.00
Hoeke, W. H	562.71
Lansburgh Furniture and Carpet Co., J	19.5
Library Bureau	147.25
Lincoln, Fred S	25.40
Minnix Co. (Incorporated), N. M	60.00
Moses & Sons, W. B	723.98
Seals, Chas. D	4.50
Woodruff Manufacturing Co	96.00
Woodward & Lothrop	196.41
Yawman & Erbe Manufacturing Co	128.73
Total	1,996.48
Fuel.	
Murphy, Robert	519.47
Stephenson & Bro	8.25
Zeh Co. (incorporated), Wm. J	9,078.43
Total	9,606.15
Freight.	
Baltimore & Ohio	2.00
Littlefield, Alvord & Co	7.70

OFFICE OF THE CHIEF CLERK—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation contingent expenses, Department of Agriculture, 1907, $37,000—Continued.

Name.	Amount.	Name.	Amount.
Freight—Continued.		*Telephone.*	
New York, New Haven, and Hartford Railroad Co	$0.46	The Chesapeake and Potomac Telephone Co	$424.73
Pennsylvania Railroad Co	7.95		
Total	18.11	*Gas and electricity.*	
Express.		Potomac Electric Power Co	1,527.74
Adams Express Co	55.88	Washington Gas Light Co	383.80
United States Express Co	150.44	Total	1,911.54
Total	206.32	*Travel and station and field expenses.*	
Telegraph.		Ashley, Alex. McC	94.60
Postal Telegraph-Cable Co	14.45	Hays, W. M	601.84
Western Union Telegraph Co	36.34	Mowry, H. H	114.05
		Wilson, A. D	120.95
		Wilson, James	66.20
Total	50.79	Total	997.64

Total amount of appropriation	$37,000.00
Amount transferred from various appropriations on account of supplies furnished to the different bureaus by Chief of the Supply Division, the supplies having been originally purchased out of "Contingent expenses, Department of Agriculture"	4,012.36
Total appropriation available	41,012.36
Total expenditures under above groups	40,423.48
Unexpended balance	588.88

RECAPITULATION.

Lump-fund salaries outside of Washington	$400.00
Stationery	8,013.05
Miscellaneous supplies and services, equipment, books, machinery, etc	16,793.07
Furniture	1,296.48
Fuel	9,606.15
Freight	18.11
Express	206.32
Telegraph	50.79
Telephone	424.73
Gas and electricity	1,911.54
Travel and station and field expenses	997.64
Total for entire contingent expenses, Department of Agriculture	40,423.48
Total amount of appropriation	37,000.00
Amount transferred from other appropriations on account of supplies furnished	4,012.36
Total appropriation available	41,012.36
Total expenditures under above groups	40,423.48
Unexpended balance on September 30, 1907	588.88
Outstanding liabilities (estimated)	240.00
Balance to be turned back in Treasury (estimated)	348.88

OFFICE OF EXPERIMENT STATIONS.

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Office of Experiment Stations, 1907, $29,160."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
C	Director, at $3,500	$3,500.00	$638.01
ı, C. E	Chief clerk, at $1,800	1,800.00	
Villiam	Clerk and proof reader, at $1,600	1,600.00	
ıw, F. A	Clerk class 2	1,400.00	
ı, S. L	do	1,400.00	
G. A	Clerk class 1	1,200.00	
A	do	1,200.00	
[. E	do	1,200.00	
nn, N. T	do	1,190.00	
[. C	Clerk, at $1,000	994.44	
n, M. V	do	1,000.00	
B. M	do	1,000.00	
Daisy K	do	1,000.00	
M. A	do	1,000.00	
7. M	Clerk, at $900	900.00	
Lutie L	do	900.00	
M. F	Clerk, at $840	840.00	
. C	do	840.00	
r, Faith	do	42.00	
ntoinette	do	770.00	
M. L. O	do	840.00	
elen	do	704.67	
ı, Edith O	do	135.33	
L. A	Messenger, at $600	600.00	
, Lars M	Messenger, at $540	540.00	
B	Messenger, at $480	40.00	
Henry A	do	433.33	
H. B	Messenger boy, at $360	255.00	
G. L	do	7.00	
ın, A. M	do	34.00	
, Nimia	Copyist, at $720	720.00	
Mary C	Laborer, at $480	134.67	
ary	do	345.33	
', Mary A	do	480.00	

ıount of appropriation	$29,160.00
ıount paid for salaries	29,045.77
expended balance	114.23

of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, $25,500."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
ı *Washington.*			
W	Assistant director, at $3,000	$3,000.00	$607.16
H	Chief editorial division, at $2,500	2,500.00	789.61
Valter H	Chief of division, at $2,400	2,400.00	199.19
. B	Scientific assistant, at $2,000	1,166.66	
E. V	do	2,000.00	341.80
H. W	Scientific assistant, at $1,800	1,800.00	72.05
J. I	do	1,800.00	
E. J	Scientific assistant, at $1,500	625.00	
H. L	Scientific assistant, at $1,000	916.67	
Fanny L	Scientific assistant, at $900	447.50	
D. J	Assistant, at $1,800	1,125.00	
Clise L	Assistant, at $1,200	550.00	
, James B	Clerk and editorial assistant, at $1,200	700.00	

OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, $25,500"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington—Cont'd.			
Skinner, Laura A	Stenographer and typewriter, at $75 per month.	$37.50	
Carter, Alonzo	Painter, at $3.50 per diem	24.50	
Fenton, Lee	Electric wireman, at $3 per diem	134.80	
Total		19,227.63	
Out of Washington.			
Woll, F. W	Collaborator, at $300	291.67	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, $25,500"—Continued.

Name.	Amount.
Stationery.	
Andrews Paper Co., R. P	$1.66
Ballantyne, R. Carter	5.37
Baumgarten & Sons, J	2.70
Combined Tool Company	3.60
Contingent Expenses, Department of Agriculture	181.54
Lamb & Tilden	1.71
Library Bureau	13.35
Lincoln, Fred S	.67
Morrison Paper Co., E	2.68
Parker, D. Frank	18.70
Schmidt, Fred A	6.13
Swayze, W. L	24.25
Yawman & Erbe Manufacturing Co	9.53
Total	271.91
Miscellaneous supplies, etc.	
Barber & Ross	14.20
Barrow, W. M	134.00
Capital Traction Co	5.00
Church & Stephenson	15.75
Clarke Co., R. P	2.00
DuPerow, M	20.00
Dyer, Wm. H	2.50
Eideness, M. M	1.00
Elliott Co	17.14
Felt & Tarrant Manufacturing Co	12.30
Fireman, P	100.00
Forker & Co., C. A	3.91
Gasch & Sons, Richard	1.20
Gilman, Wm. H	10.50
Goldsmith Sign Co	25.00
Hammond Typewriter Co	2.90
Harris & Shafer Co	1.60
Hazelton, E. P	5.25
Heiskell & Co., P. H	1.70
Johnson, Griffith L	200.00
Joyce Engraving Co., M	2.75
Kellogg Switchboard and Supply Co	17.50
Lamb & Tilden	2.92
Lamble Co. (Incorporated), J. B	.45
Lipman, Jacob G	75.00
Lutz & Co	7.00
Meyer, S. N	11.25
Mineralized Rubber Co	$5.40
Monarch Typewriter Co	1.25
Morrey, J. B	5.25
Muth & Co., Geo. F	2.20
National Electric Supply Co	26.20
Niagara Radiator Co	1.25
Potter, W. P. & C. P	2.60
Rau, John C	18.62
Remington Typewriter Co	30.70
Rudolph & West	8.85
Saals, C. D	.85
Shore, Charles	2.25
Smith Premier Typewriter Co	7.70
Southern Printers' Supply Co	.40
Washington Wood Working Co	78.00
Wiegand, Martin	3.75
Woodward & Lothrop	.25
Total	882.54
Furniture.	
Hoeke, W. H	56.96
Library Bureau	4.50
Moses & Sons, W. B	122.17
Seale, Chas. D	.85
Woowdard & Lothrop	50.28
Yawman & Erbe Manufacturing Co	75.14
Total	309.90
Freight.	
Littlefield, Alvord & Co	47.31
Lloyd Transfer Co	.25
Pennsylvania R. R. Co	1.17
Total	48.73
Express.	
Adams Express Co	9.11
United States Express Co	1.70
Total	10.81

OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, 1907, $25,500"—Continued.

Name.	Amount.	Name.	Amount.
Telegraph.		*Apparatus, instruments, and laboratory material.*	
Postal Telegraph-Cable Co	$2.07	Sheetz, W. Silas	$6.50
Western Union Telegraph Co	20.24	*Travel and station and field expenses.*	
Total	22.31	Allen, E. W	607.61
Telephone.		Beal, W. H	789.16
Chesapeake and Potomac Telephone Co	16.90	Crosby, D. J	529.25
Rent.		Evans, Walter H	199.19
Pearson, Henry Clay	916.63	Knight, H. L	14.20
Gas and electricity.		Lawson, H. W	72.05
Potomac Electric Power Co	4.98	Langworthy, C. F	15.05
Washington Gas Light Co	4.10	Sampson, H. O	11.79
Total	9.08	Smith, C. B	26.88
		True, A. C	638.01
		Warren, G. T	28.15
		Wilcox, E. V	341.80
		Total	3,273.14

Total amount of appropriation	$25,500.00
Total expenditures under above groups	25,286.85
Unexpended balance	213.15

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations (farmers' institutes), 1907, $5,000."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Hamilton, John	Farmers' institute specialist, at $2,250	$2,250.00	$549.41
Crosby, D. J	Assistant in practical agriculture, at $1,800	675.00	189.95
Sampson, H. O	Scientific assistant, at $1,200	100.00	.....
Marshall, Margaret	Clerk (stenographer and typewriter), at $70 per month.	67.67	.....
Total		3,092.67	.....

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations (farmers' institutes), 1907, $5,000"—Continued.

Name.	Amount.	Name.	Amount.
Stationery.		*Miscellaneous supplies, etc.*	
Andrews Paper Co., R. P	$48.50	Barber & Ross	$3.00
Contingent expenses, Department of Agriculture	28.71	Barrow, W. M	100.00
Library Bureau	10.80	Brentano's (Incorporated)	9.40
Swayze, W. L	6.72	Buse, Chas. A	6.00
United States Envelope Co	20.76	Capital Traction Co	5.00
Yawman & Erbe Manufacturing Co	23.30	Elliott Co	37.78
Total	138.79	Hatch, K. L	50.00
		McFarland, John	3.00
		Meyer, S. N	11.25
		Munson Supply Co	18.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations (farmers' institutes), 1907, $5,000"—Continued.

Name.	Amount.	Name.	Amount.
Miscellaneous supplies—Continued.		*Telegraph.*	
Okonite Co. (Limited)	$7.83	Postal Telegraph-Cable Co	$1.95
Remington Typewriter Co	80.00	Western Union Telegraph Co	.96
Topham, James S	12.00		
Wilson, Elmira T	125.00	Total	2.91
Total	482.26	*Apparatus, instruments, and laboratory material.*	
Furniture.		Pullman, E. J	7.62
Woodward & Lothrop	$4.69	*Travel and station and field expenses.*	
Yawman & Erbe Manufacturing Co	32.30		
Total	36.99	Crosby, D. J	189.95
Express.		Hamilton, John	549.41
		Sampson, H. O	73.30
Adams Express Co	9.35	Total	812.66
United States Express Co	.90		
Total	10.25		

Total amount of appropriation	$5,000.00
Total expenditures under above groups	4,584.15
Unexpended balance	415.85

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Nutrition investigations, 1907, $20,000."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Langworthy, C. F	Chief, at $2,400	$2,400.00	$256.96
Milner, Robert D	Assistant, at $1,800	1,125.00	
Knight, H. L	Scientific assistant, at $1,000	83.33	84.90
Emerson, Edith O	Clerk, at $840	16.33	
Maddux, Sadie K	Stenographer and typewriter, at $840	478.33	
Carter, Alonzo	Painter, at $3.50 per diem	42.00	
Smith, Andrew J	do	35.00	
Eidsness, M. L., jr	Manual assistant, at $5 per month	30.00	
Total		4,209.99	
Out of Washington.			
Benedict, Francis G	Physiological chemist, at $1,800	1,500.00	516.52
Milner R. D	Assistant, at $1,400	408.33	
Sherman, H. C	Assistant, at $1,200	700.00	
Carpenter, T. M	Scientific assistant, at $1,200	610.00	67.28
Pratt, H. A	Scientific assistant, at $1,000	641.66	
Woods, Chas. D	Expert assistant, at $1,000	1,000.00	
Harder, F. W	Computer, at $900	120.00	
Manning, C. R	Computer, at $780	6.50	
Leonard, A. A	Agent, at $3 per diem	102.00	
Hartman, R. R	Agent, at $50 per month	270.00	
Alling, H. L	Agent, at $2 per diem	40.00	
Grant, H. A	do	6.00	
Williamson, W. R	do	62.00	
Wright, E. J	do	150.00	
Leslie, W. H	Agent and expert, at $60 per month	460.00	
Morgan, H. C	do	200.00	
Atwater, H. W	Expert, at $75 per month	825.00	
Fletcher, F. P	Expert, at $50 per month	240.00	
Darling, A. N	Clerk, at $1,000	566.65	
Falsey, Mae	Stenographer and typewriter, at $720	460.00	
Total		8,368.14	

OFFICE OF EXPERIMENT STATIONS—Continued.

eport of expenditures for the fiscal year ended June 30, 1907, under appropriation "Nutrition investigations, 1907, $20,000"—Continued.

Name.	Amount.
Stationery.	
ıdrews Paper Co., R. P	$24.25
ntingent Expenses, Department of Agriculture	19.87
ɔrrison Paper Co., E	3.75
ırker, D. Frank	4.00
ott & Co., Chas. G	3.75
ɣayze, W. L	3.20
Total	58.82
Miscellaneous supplies, etc.	
ırber & Ross	10.43
ınce, James H	17.92
ɾnwell & Sons, G. G	6.99
ce, N. V	.50
ɣer, Wm. H	27.00
son, F. W	3.25
lt & Tarrant Manufacturing Co	13.30
ɔldenberg, M	1.33
ɾindley, H. S	500.00
ırris & Shafer Co	8.40
ffa, M. E	1,000.00
ınne, Helen	400.00
ımbie Co. (Incorporated), J. B	2.50
ɜrrill, L. H	500.00
tchell, Margaret J	50.00
ɔrrey, J. B	3.00
ınson Supply Co	10.50
ıth & Co., Geo. F	1.70
cholson & Son, Jas. A	20.00
ɔrton, Alice P	200.00
iver Typewriter Co	6.65
ımington Typewriter Co	91.80
ientific Engraving Co	8.00
ıclair, J. E	300.00
ıedley, Emma	100.00
yder, Harry	1,300.00
merville Co., Thos	10.44
ɔer, Samuel	4.50
oodword & Lothrop	1.85
Total	5,600.28
Furniture.	
water, W. O	209.50
ɔrary Bureau	1.80
ıses & Sons, W. B	33.75
ɔodward & Lothrop	40.61
Furniture—Continued.	
Yawman & Erbe Manufacturing Co	$67.04
Total	352.70
Freight.	
Littlefield, Alvord & Co	2.36
Pennsylvania R. R. Co	5.67
Total	8.03
Express.	
Adams Express Co	9.10
United States Express Co	.43
Total	9.53
Telegraph.	
Western Union Telegraph Co	4.65
Gas and electricity.	
Middleton Gas Light Co	15.40
Wesleyan University	159.95
Total	175.35
Apparatus, instruments, and laboratory material.	
Bausch & Lomb Optical Co	80.04
Davol Rubber Co	5.36
Eimer & Amend	24.60
Pullman, E. J	3.00
Whitall, Tatum Co	18.00
Total	131.00
Travel and station and field expenses.	
Avel, Mary H	14.35
Benedict, F. G	516.52
Carpenter, Thorne M	67.28
Knight, H. L	84.90
Langworthy, C. F	256.95
Milner, R. D	120.30
Mitchell, Margaret J	11.55
Total	1,071.85

ɬal amount of appropriation	$20,000.00
ɬal expenditures under above groups	19,990.34
Unexpended balance	9.66

OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Irrigation and drainage investigations, 1907, $122,200."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Mead, Elwood	Chief of irrigation investigations, at $3,000	$2,841.67	$1,915.00
Teele, R. P.	Editorial assistant, at $2,000	2,000.00	.....
Woodward, S. M.	Irrigation engineer, at $2,000	2,000.00	881.53
Fleming, B. P.	Irrigation engineer, at $1,500	1,500.00	204.05
Wright, J. O.	Expert, at $2,250	2,250.00	757.43
Kipp, H. A.	Expert, at $1,200	1,200.00	213.80
Miller, D. G.	Agent, at $1,000	750.00	533.04
Pierce, P. L.	Agent, at $75 per month	175.00	140.62
Johnston, A. F.	Agent and expert, at $1,600	1,600.00	123.85
Milner, R. D.	Assistant, at $1,800	150.00	120.30
Singleton, F. E.	Computer, at $1,500	1,500.00	.....
Darrow, A. N.	Draftsman, at $125 per month	895.83	.....
Pohlers, Geo. F.	....do	412.50	.....
Ross, Louise	Stenographer, at $1,000	291.66	.....
Emerson, Edith O.	Clerk, stenographer, and typewriter, at $75 per month; clerk, at $840, and stenographer and typewriter, at $480 per annum.	336.34	.....
Maddux, Sadie K.	Stenographer and typewriter, at $840	70.00	.....
Alexander, Emma C.	Stenographer and typewriter, at $70 per month	343.00	.....
Marshall, Margaret	....do	105.00	.....
Carter, Alonzo	Painter, at $3.50 per diem	17.50	.....
Wood, Henry S.	....do	42.00	.....
Tallent, G. A.	Messenger, at $540	321.00	.....
Jones, Charles	Messenger, at $480	180.00	.....
Lehmann, W. G.	....do	265.33	.....
Noone, Sarah A.	Charwoman, at $480	440.00	.....
Deffel, Minnie	Charwoman, at $20 per month	4.00	.....
Total		19,690.83	.....
Out of Washington.			
Elliott, C. G.	Drainage engineer, at $2,500	2,500.00	1,090.72
Stewart, John T.	Drainage engineer, at $1,800	1,800.00	2,240.31
McCrory, Samuel H.	Drainage engineer, at $1,500	750.00	363.10
Brown, C. F.	Drainage engineer, at $1,400	1,400.00	991.41
Fortier, Samuel	Irrigation engineer, at $2,000	2,000.00	3,891.53
Herrmann, F. C.	....do	1,116.66	735.10
Fuller, Paul E.	Irrigation engineer, at $1,800	620.00	382.27
Stover, A. P.	....do	1,800.00	911.26
Tait, Clarence E.	Irrigation engineer, at $1,600	1,600.00	805.03
McLaughlin, W. W.	Irrigation engineer, at $1,500	250.00	.....
Nowell, Herbert T.	Irrigation engineer, at $125 per month	250.00	.....
Raschbacher, H. G.	Irrigation engineer, at $1,200	500.00	.....
Wright, Albert E.	....do	600.00	331.05
Stout, O. V. P.	Irrigation engineer, at $1,000	1,000.00	88.30
Lory, Chas. A.	Irrigation manager, at $2,250	131.25	175.30
Etcheverry, B. A.	Expert, at $10 per diem	100.00	.....
Simons, S. Lewis	....do	240.00	412.05
Gregory, W. B.	Expert, at $6 per diem	1,286.00	436.08
Zintheo, C. J.	Expert, at $2,000	166.66	.....
Roeding, F. W.	Expert, at $1,600, and irrigation manager, at $2,250.	1,708.33	2,086.84
Jayne, S. O.	Expert, at $1,500, and irrigation manager, at $1,800.	1,550.00	655.00
Morgan, E. R.	Expert, at $1,500	112.50	.....
Nelson, Elias	Expert, at $1,200	1,200.00	202.00
Payne, J. E.	....do	300.00	141.25
Lucke, Chas. E.	Expert, at $1,000	958.34	1,120.27
Hidinger, L. L.	Expert, at $90 per month and $1,200 per annum.	1,067.00	.....
Martin, J. W.	Expert, at $90 and $120 per month	786.00	361.61
Gehring, H. A.	Expert, at $80 per month	146.67	135.20
Culbertson, H.	Agent and expert, at $100 per month	700.00	354.10
True, Gordon H.	....do	1,200.00	.....
Singletary, J. S.	Agent, at $150 per month	340.00	.....
Gordon, John H.	Agent, at $125 per month, and irrigation farmer, at $1,200 per annum.	1,425.00	14.65
Mahoney, R. F.	Agent, at $110 per month	302.33	185.35
Funderhide, Paul	Agent, at $100 per month	316.67	62.22
Reed, Charles E.	....do	100.00	53.70
West, Geo. F.	....do	300.00	32.05
Wilson, James A.	....do	183.33	94.11
Downer, Morton H.	Agent, at $1,200 per annum and $150 per month	600.00	288.22
Miller, W. G.	Agent, at $90 per month	135.00	.....

OFFICE OF EXPERIMENT STATIONS—Continued.

·t of expenditures for the fiscal year ended June 30, 1907, under appropriation "Irrigation and drainage investigations, 1907, $122,200"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
of Washington—Con.			
, Fred F	Agent, at $90 per month	$204.00	
y, Omer	Agent, at $1,000	1,000.00	$727.53
Victor M	Agent, at $75 per month	677.50	572.12
Lawrence	Agent, at $75 and $100 per month	1,097.50	2,580.26
r, Henry W	Agent, at $75 per month	112.50	52.95
ɔn, J. R	Agent, at $70 and $100 per month	469.34	121.83
, Frank G	do	471.67	121.03
P. A	Agent, at $65 per month	106.17	24.30
ll, R. G	Agent, at $60 per month	4[illegible]4.00	197.62
ın, Angus	Agent, at $50 per month	400.00	
ı, Charles	Agent, at $50 and $60 per month	660.00	
ne, C. R., jr	Agent, at $40 per month	54.67	
ick, E. W	Agent, at $40 and $60 and $75 per month	608.67	499.61
ll, J. H	Agent, at $25 per month	115.00	
, M. B	Agent, at $3.20 per diem	24.00	
e, F. M	Agent, at $3 per diem	75.00	3.20
Edward J	Expert mechanician, at $1,500	895.83	.50
, W. H	Special agent, at $50 and $75 per month	800.00	1,182.06
M. L	Collaborator, at $25 per month	50.00	
ld, R. B	Collaborator, at $5 per month	20.00	
s, Amy B	Clerk, stenographer, and typewriter, at $1,000	83.33	
Guy	Stenographer and typewriter, at $1,000	1,000.00	
s, Margaret J	Clerk, at $840	11.67	
r, A. K	Level man, at $125 per month	212.50	
s, T. H	Level man, at $100 per month	93.33	
W. B	do	170.00	
ey, Ben	Rodman, at $75 per month	70.00	
, E. E	do	52.50	
W. J	do	52.50	
y, James	do	60.00	
t, F. E	do	117.50	
E. F	Rodman, at $70 per month	11.67	
ıte, Paul W	Rodman, at $60 per month	235.00	
David	Rodman, at $40 per month	149.36	
·by, F. C	Rodman, at $40, and chain man and rodman, at $50 per month.	79.00	
g, Simons V	do	71.50	
rge, H. L	Rodman, at $2.50 per diem	17.50	
ıts, Henry J	Rodman, at $1.25 per diem	110.63	
l, L. M	Chain man, at $70 per month	114.34	
E. W	do	140.00	
n, L. W	Chain man, at $2 per diem	6.00	
Samuel L	Chain man, at $1.25 per diem	26.25	
David	do	36.25	
ɔell, D. P	do	5.00	
ı, Joe	Axman, at $52 per month	17.33	
a, Albert	do	8.67	
g, Elther	Axman, at $52, and rodman, at $75 per month	77.13	
ır, F. H	Axman, at $52 per month	8.67	
J. R	do	12.13	
ı, Henry	Axman, at $45 and $52 per month	63.40	
Arthur	Axman, at $45 per month	16.50	
M	do	12.00	
James	Axman, at $1.25 per diem	37.50	
ms, Owen	do	35.00	
s, John	Axman, at $1 per diem	2.25	
ı, William	do	56.00	
Richard	do	20.00	
Geo	Rodman, at $75 per month	42.50	
Thomas	Axman, at $1 per diem	55.00	
, Sam	do	26.65	
en, Chas	do	12.00	
ɔ, Isaac	do	29.00	
ll, Henry	do	22.00	
, Richard	do	27.00	
, Tom	do	24.00	
W. T	Chain man and rodman, at $50 per month	157.49	
, Jake	Stake man, at $1 per diem	27.00	
ı, Fred	Flagman, at $1 per diem	9.00	
Total		43,714.64	

OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Irrigation and drainage investigations, 1907, $122,200"—Continued.

Name.	Amount.
Stationery.	
Alteneder & Sons, Theo	$5.41
Andrews Paper Co., R. P	170.12
Ballantyne, R. Carter	25.15
Cardwell, G. R	14.87
Contingent expenses, Department of Agriculture	205.87
Davison & Co., H. C	8.64
Hoeckel Blank Book Co., C. F	15.25
Lamb & Tilden	5.25
Library Bureau	70.00
Morrison Paper Co., E	32.05
Parker, D. Frank	9.25
Schmidt, Fred A	218.64
Sharp & Sons, F	8.75
Stockett, Fiske Co	3.40
Swayze, W. L	65.62
United States Envelope Co	64.14
Yawman & Erbe Manufacturing Co	85.06
Total	1,016.44
Miscellaneous supplies, etc.	
Aermotor Co	72.00
Altman & Co., H	11.50
Ayer & Son, N. W	5.00
Baird Mercantile Co., J. L	189.69
Barber & Ross	7.35
Barrett Hicks Co	198.00
Black, P. J	132.31
Blake, Edmund M	200.00
Bruce & Hall	25.00
Capital Traction Co	8.00
Challenge Co	127.82
Church & Stephenson	33.88
Colorado Sheet Metal Works	515.25
Colorado Moline Plow Co	42.07
Colorado Nursery Co	45.89
Crook Bros. Co	218.69
Cook, P. S	14.79
Corvallis Sawmill Co	71.04
Cottom, Chas. S	302.40
Deere & Co	70.00
Deere Plow Co., John	260.95
Dempster Mill Manufacturing Co	563.51
Denver Fire Clay Co	37.25
Denver Sheet Metal Works Co	52.50
Dildine, F. R	6.00
Dimock & Fink Co	73.57
Donahoo, Emmons & Co	120.00
Duling, J. E	106.00
Du Perow, M	57.95
Dupuis, T. H	106.67
Dyer, Wm. H	4.00
Ellis Keystone Agricultural Works	230.00
Ewing-Meckle Electric Co	49.89
Fairbanks, Morse & Co	332.85
Fillmore, A. J	48.00
Flint & Walling	167.73
Garvin Machine Co	49.19
Gasch & Sons, Richard	1.00
Geary, E. L	15.00
Goldsmith Sign Co	4.00
Goodman, A. L	6.00
Gordon, John H	87.67
Grant Gear Works	7.60
Gray Carriage Co., J. M	92.95
Green Bay Cot Co	3.75
Hazard, Edna	125.00
Hazelton, E. P	7.00
Hendrie & Bolthoff Manufacturing and Supply Co	705.49
Hoff, E. J	38.57
Huntington Lumber Co	76.91
International Harvester Co. of America	563.82
Junuary & Mercer	151.90

Name.	Amount.
Miscellaneous supplies, etc.—Con.	
Johnson, C. T	$500.00
Keith, C. W	75.25
Kellogg Switchboard and Supply Co	17.50
Killin & Co., J. M	24.66
Lamb & Tilden	43.94
Lambie Co. (Incorporated), J. B	2.25
Lawrence, S. B., jr	41.08
Lee Pioneer Seed Co	18.45
Lewis, R. E	21.08
Lufkin Rule Co	9.53
Luitwieler Pumping Engine Co	586.86
Lutz & Co	7.50
McGranahan & Frederick	711.00
Mercer, C. T	13.15
Mine and Smelter Supply Co	48.45
Miracle Pressed Stone Co	17.00
Monarch Typewriter Co	204.75
Munson Supply Co	7.00
Muth & Co., Geo. F	34.00
National Electric Supply Co	6.40
Nawrath, J. P	4.65
Okonite Co. (Limited)	139.50
Orr & Lockett Hardware Co	86.36
Ost, J. P	87.45
Palin & Orendorff Plow Co	103.75
Platner Implement Co	245.10
Post-Office Department (D. C.)	9.60
Quartermaster's Department	133.20
Ragland, R. S	730.00
Rand-McNally & Co	30.00
Rau, John C	7.55
Remington Typewriter Co	177.00
Ricketts, J. H	19.10
Roche Dry Battery Co., Wm	15.00
Rodgers, C. W	10.65
Roedel, F. A	247.40
Schieren & Co., Chas	30.74
Scientific Engraving Co	6.50
Security Vault and Metal Works	29.60
Shannon Livery Co	79.50
Smith, Chas. P	8.65
Smith, Simon	21.00
Somerville Co., Thos	324.00
Standard Oil Co	23.18
Standard Plate Glass Co	5.70
Stevens Implement Co., Sydney	79.61
Stimson, J. E	51.00
Thomas Clock Co., Seth	13.40
Thompson, C. W	11.52
Tower, Charlemagne	4.95
Utah Fire Clay Co	1,208.18
Vick, R. W	12.00
Vulcan Sheet Metal Co	49.50
Walford, D. N	12.00
War Department	12.36
Welter, Leslie	100.00
West Publishing Co	2.50
Western Lumber Co	164.40
Whitson, A. R	700.00
Wright, F. E	220.50
Wright & Lawson	41.70
Youngblood, C. J	25.00
Total	14,927.31
Furniture.	
Gottwalls, W. O	105.00
Hoeke, W. H	209.53
Moses & Sons, W. B	389.11
Pembroke Stationery Co	37.50
Schmidt, O. H	66.00
Woodward & Lothrop	79.74
Yawman & Erbe Manufacturing Co	103.79
Total	990.67

OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Irrigation and drainage investigations, 1907, $122,200"—Continued.

Name.	Amount.
Freight.	
Baltimore and Ohio R. R. Co	$0.72
Chicago, Burlington and Quincy Rwy. Co	26.37
Littlefield, Alvord & Co	20.15
Pennsylvania R. R. Co	11.57
Total	58.81
Express.	
Adams Express Co	290.88
United States Express Co	67.84
Total	358.72
Telegraph.	
Postal Telegraph Cable Co.	14.07
Western Union Telegraph Cable Co.	101.64
Total	115.71
Telephone.	
Chesapeake and Potomac Telephone Co	10.87
Rent.	
Warren Mercantile Co., F. E	720.00
Apparatus, instruments, and laboratory material.	
Altender & Sons, Theo	47.93
Bausch & Lamb Optical Co	81.38
Bristol Co., The	60.00
Cheyenne Trunk Factory	10.00
Dietzen Co., Eugene	288.01
Evans, Henry	1.00
Fairbanks, Morse & Co	53.31
Feast & Co., H. D	.75
Friez, Julien P	35.20
Gurley, W. & L. E	570.94
Haloid Co., The	47.70
Hoff, Ed. J	50.00
Keuffel & Esser Co	110.89
Neptune Meter Co	425.18
Pullman, E. J	40.15
Queen & Co	1.92
Roedel, A. E	5.20
Schmidt, Fred A	25.00
Sheetz, W. Silas	48.70
Stimson, J. E	21.00
Total	1,924.26

Name.	Amount.
Printing and binding.	
Public Printer	$4,926.33
Travel and station and field expenses.	
Brett, Lawrence	2,580.26
Brich, P. A	24.30
Brown, C. F	991.41
Chadwick, E. Wallace	499.61
Cone, Victor M	572.12
Cosgrove, James	283.15
Culbertson, H	354.10
Dickson, John R	121.83
Downey, Morton H	256.22
Downs, A. C	21.31
Eason, Frank C	121.03
Elliott, C. G	1,080.72
Fairley, Omer	727.53
Fleming, Burton P	204.05
Fortier, Samuel	3,801.53
Fugate, Fred M	3.20
Fuller, Paul E	382.27
Funderhide, Paul	62.22
Gehring, H. A	135.39
Gordon, John H	14.65
Gregory, W. B	436.98
Hemphill, R. G	197.62
Herrman, F. C	735.59
Hidinger, L. L	1,129.27
Hoff, Edward J	.50
Jayne, S. O	656.00
Johnston, Augusta F	133.85
Kipp, K. A	213.80
Lauck, W. H	1,182.06
Lory, Chas. A	175.30
McCrory, Samuel H	363.59
Mahoney, Robert E	185.36
Martin, James W	261.61
Mead, Elwood	1,915.00
Miller, Dalton G	533.04
Nelson, Elias	202.80
Payne, J. E	141.25
Pierce, P. L	149.63
Read, Chas. E	53.70
Roeding, F. W	2,086.84
Simons, S. Lewis	412.66
Stewart, John T	2,240.31
Stout, O. V. P	88.30
Stover, A. P	911.28
Tait, C. E	805.03
Taylor, Henry W	52.95
West, Geo. F	32.10
Williams, L. S	8.81
Wilson, Jas. A	96.11
Woodward, S. M	881.53
Wright, A. E	531.05
Wright, J. O	757.43
Total	29,597.33

Total amount of appropriation	$122,200.00
Total expenditures under above groups	118,051.92
Unexpended balance	4,148.08
Repayment to credit of appropriation	10.00
Net unexpended balance	4,158.08

OFFICE OF EXPERIMENT STATIONS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Agricultural experiment stations, fund from sale of card indexes, $569.55."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Morman, James B	Clerk and editorial assistant, at $1,200	$500.00	

Yawman & Erbe Manufacturing Co., stationery	$4.40
Total amount available	569.55
Total expenditures under above groups	504.40
Unexpended balance on June 30, 1907, which is available until used	65.15

RECAPITULATION.

Statutory salaries		$29,045.77
Lump-fund salaries:		
In Washington		46,721.12
Outside of Washington		52,374.45
Stationery		1,490.26
Miscellaneous supplies and services, equipment, books, machinery, etc		21,892.39
Furniture		1,690.26
Freight		115.57
Express		389.31
Telegraph		145.58
Telephone		27.77
Rent		1,636.63
Gas and electricity		184.43
Apparatus, instruments, and laboratory material		2,068.46
Printing and binding		4,926.23
Travel and station and field expenses		34,754.98
		197,463.43
Insular stations:		
Alaska	$18,000.00	
Hawaii	20,000.00	
Porto Rico	15,000.00	
		53,000.00
(The above amount appropriated by Congress for insular stations was expended by temporary disbursing agents in charge of stations.)		
Total expenditures for entire Office of Experiment Stations		250,463.43
Total of all appropriations, less $720,000 for State experiment colleges, disbursed by Treasury	$254,860.00	
Amount derived from sale of card indexes	569.55	
		255,429.55
Total expenditures as above		250,463.43
Unexpended balance		4,966.12
Amount available until used		65.15
Balance		4,900.97
Repayment to credit of appropriations		10.00
Net unexpended balance September 30, 1907		4,910.97
Outstanding liabilities (estimated)		3,595.00
Balance to be turned back in Treasury (estimated)		1,315.97

OFFICE OF EXPERIMENT STATIONS—Continued.

PROJECTS.

The principal projects conducted by the Office of Experiment Stations during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Office of Experiment Stations, 1907.

Salaries, statutory		$29,160.00
Salaries paid	$29,045.77	
Unexpended balance	114.23	
Total	29,160.00	

Agricultural Experiment Stations, 1907.

Supervision of the work and expenditures of 59 agricultural experiment stations in 48 States and Territories, and Alaska, Hawaii, and Porto Rico, and promotion of their general interests. The preparation of 85 publications based on the work of over 1,000 agricultural experiment stations and kindred institutions throughout the world, and 800 cards of the index of experiment station literature. Preparation of summaries of the reports of agricultural investigations made by the agricultural experiment stations and kindred institutions in the United States and over 50 other countries, in order to give prompt information regarding such investigations to the workers in similar lines in this Department and the agricultural experiment stations and to teachers and students in the agricultural colleges and schools. This information is published monthly in the Experiment Station Record. This journal also contains articles suggesting lines of work for the stations and advice regarding their work and management as provided for in section 3 of the act of Congress of March 2, 1887		25,500.00
Salaries	$19,519.30	
Travel	3,273.14	
Rent	916.63	
Supplies, etc	1,577.78	
Balance, September 30, 1907	213.15	
Total	25,500.00	

INSULAR STATIONS.

Agricultural Experiment Stations, Alaska, 1907.

Maintenance of a central experiment station and three branch stations to investigate the agricultural and horticultural resources of Alaska, development of animal industry, dairying, etc., including $3,000 for the purchase and introduction of live stock for experimental purposes		$18,000.00
General expenses:		
Salaries	$8,210.33	
Labor	4,222.28	
Travel	623.96	
Supplies, etc	1,935.90	
		14,992.47
Live stock:		
Travel	117.50	
Cattle	1,900.00	
Freight, feeding, and care of cattle	954.31	
		2,971.81
Total		17,964.28
Balance, September 30, 1907		35.72
Total		18,000.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Agricultural Experiment Station, Hawaii, 1907.

Maintenance of an experiment station at which studies are made on diversified agriculture with reference to the peculiar needs of the country, and scientific investigations in chemistry, entomology, horticulture, etc., including $5,000 to provide a water supply for the use of the station.		$20,000.00
General expenses:		
Salaries	$8,266.66	
Labor	2,360.30	
Travel	101.30	
Supplies, etc	4,270.60	
		14,998.86
Water supply:		
Labor	983.75	
Materials	4,016.14	
		4,999.89
Total		19,998.75
Balance, September 30, 1907		1.25
Total		20,000.00

Agricultural experiment station, Porto Rico, 1907.

Maintenance of a station to carry on experiments in agronomy, entomology, horticulture, coffee culture, and scientific investigations along various lines of agriculture		$15,000.00
Salaries	$7,711.01	
Labor	4,315.79	
Travel	464.72	
Supplies, etc	2,508.15	
	$14,999.67	
Balance, September 30, 1907	.33	
Total	15,000.00	

FARMERS' INSTITUTES.

For investigating and reporting upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice		5,000.00
Salaries	$3,092.67	
Travel	808.66	
Supplies, etc	678.82	
Balance, September 30, 1907	415.85	
Total	5,000.00	

NUTRITION INVESTIGATIONS, 1907.

Planning and supervision of investigations in 11 States; compilation of results of similar investigations throughout the world; preparation of reports, farmers' bulletins, and abstracts of current literature; correspondence, especially with agricultural colleges, experiment stations, schools, penal and charitable institutions; supervision of dietary studies in public institutions		$5,872.48
Investigating the comparative digestibility and nutritive value of fruits and nuts, the possibility of supplying from such foods a considerable portion of the nutrients and energy required per day; the comparative economy of fruits and nuts as sources of energy; the relative nutritive value of preserved and dried fruits and nut butters and other nut preparations; the effect upon digestibility of consuming made dishes containing fruits or nuts as compared with simple fruit or nut rations of equivalent nutritive value, in cooperation with the California Agricultural Experiment Station and the University of California, Berkeley, Cal.		1,000.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Investigating the digestibility and food value of green curd and cheese (American Cheddar) made with different amounts of rennet and cured for different lengths of time; the ease and rapidity of digestion of cheese and value of this food as a source of energy; a study of fundamental laws of nutrition and problems of scientific and practical interest directly concerned with the nutrition of man through the medium of dietary studies and digestion experiments; metabolism experiments and the respiration calorimeter, an instrument of precision devised in connection with the investigations and very largely used, in cooperation with Wesleyan University, Middletown, Conn..... $7,067.86

Investigating the losses sustained from cooking meat in different ways, the influence of different methods of cooking on the nutritive value and digestibility of meat, the effect of different kitchen utensils, and method of handling upon flavor and nutritive value; the establishment of standards of quality in cooked meat; the comparative digestibility of different cuts of beef, pork, mutton, veal, and lamb, and the collection of data relative to the food value of meat for the use of teachers in home economics in agricultural colleges and other educational institutions, in cooperation with the Agricultural Experiment Station and College of Agriculture, University of Illinois..... 1,500.00

Investigating the digestibility and nutritive value of different grades of flour, their value for bread baking; the digestibility and nutritive value of cereal breakfast foods and similar products, and of corn and other cereals when made into bread and prepared for the table in other ways; the effects of different methods of grinding corn meal and different methods of preparation upon its nutritive value; the effect of differences in amounts consumed upon nutritive value of corn and other cereal products and upon the thoroughness of digestion of the whole diet; the relative digestibility of made dishes containing cereal products as compared with similar foods eaten separately, etc., in cooperation with the University of Maine..... 1,000.00

Investigating the changes in appearance, flavor, and nutritive value of fruits brought about by the application of heat as in the ordinary household methods of cooking, canning, and preserving; the comparative value of different household methods of cooking and preserving fruits, and factors which affect the keeping quality of canned and preserved fruits, in cooperation with the School of Education, University of Chicago..... 200.00

Investigating the comparative value of different grades of flour, their value for bread making, the use of cereals other than wheat for bread making, effects of different methods of handling flour upon nutritive value and bread-making qualities; the comparative digestibility of flour dishes containing a number of ingredients as compared with simple rations made up of equivalent materials including bread; the influence of different methods of mixing, handling, and baking bread upon flavor, appearance, quality, and nutritive value, and the food value of cereal breakfast foods, cakes, crackers, and similar products, in cooperation with the Minnesota Agricultural Experiment Station and Agricultural College, University of Minnesota..... 1,300.00

Investigating the cooking qualities of corn meal, in cooperation with the Teachers' College, Columbia University, New York..... 400.00

Investigating the nutritive value of corn meal and other corn products, in cooperation with the Maine Agricultural Experiment Station..... 500.00

Investigating the culinary quality of meat, effects of different methods of cooking on flavor and palatability and related questions, in cooperation with the Drexel Institute, Philadelphia..... 50.00

Investigating the ash constituents in typical American diets and a comparison of such data with the results of other investigations, in cooperation with Columbia University..... 300.00

Studies of dietaries in an institution for the aged, in cooperation with the Drexel Institute, Philadelphia..... 100.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Investigating the amount of different ash constituents in the diet of individuals living under different circumstances and performing different kinds of work; the relative value of different food materials as the source of mineral constituents, the possibility of supplying needed mineral constituents from common or inexpensive food materials; the way in which such constituents in the diet are eliminated, the proportion retained and assimilated, their function in the diet, and the formulation of dietary standards which will show the amount of different mineral constituents required per person per day, in cooperation with the Columbia University	$700.00
Balance, September 30, 1907	9.66
Total	20,000.00

IRRIGATION AND DRAINAGE INVESTIGATIONS, 1907.

Arkansas	$1,399.57
California	8,808.63
Colorado	9,069.25
Florida	4,766.75
Idaho	1,402.80
Indiana	2,779.48
Iowa	165.00
Kansas	5,510.32
Louisiana	2,203.90
Minnesota	488.08
Mississippi	3,252.53
Nebraska	2,283.13
Nevada	1,532.10
North Atlantic States	831.12
North Dakota	2,409.93
Oregon	4,332.18
South Carolina	5,761.78
Tennessee	439.83
Texas	2,742.27
Utah	4,494.36
Washington	3,806.14
Wyoming	11,296.92
Tests of denatured alcohol in engines for pumping irrigation water	3,491.82
Total	83,267.89

IRRIGATION INVESTIGATIONS.

On use of water in irrigation.

California: Studies to determine the losses of irrigation water in present practice, and the efficiency and cost of different methods of preventing these losses, including measurements of losses by seepage from ditches, and experiments to determine the effectiveness and cost of different kinds of canal linings; measurements of evaporation from the surface of soils to which water has been applied at different depths and which have received different degrees of cultivation after irrigation, to determine what methods lead to the greatest economy of water; observations of the percolation of water applied to the soil by different methods to determine the effect of these methods in placing the water where it is of the greatest use to plants and in preventing waste of water either by percolation beyond the root zone or by surface flow. Studies of canal management and operation to determine the effect of different systems upon the economical use of water, and upon the prosperity of the water users, including methods of delivering water to consumers, and charges for water. Studies of methods and cost of preparing land for irrigation and of applying water to different crops for the purpose of determining their efficiency and compiling manuals giving practical directions for the use of beginners in irrigation	$3,798.29

OFFICE OF EXPERIMENT STATIONS—Continued.

Colorado: Experiments in the irrigation of sugar beets to develop methods by which the crops may be grown with the use of smaller quantities of water, without decreasing either the yield or the quality of the crop or increasing the expense of irrigation; collection of information regarding irrigation with small water supplies on the plains where river water is not to be had, to determine the possibilities of a better utilization of the plains by irrigating small areas in connection with the farming of larger areas without irrigation, or with stockraising; experiments in orchard irrigation to compare the results of ordinary practice with those secured by different methods of applying water and the use of smaller quantities of water with more intensive cultivation	$1,966.58
Idaho: Collection of information regarding the methods and cost of preparing land for irrigation, and methods of applying water on new land, for the purpose of supplying such information to new settlers; measurements of quantities of water used, with observations of the crop results, to determine the proper quantities of water to be used, and best methods of application. Measurements of seepage losses from canals and studies of methods of preventing them	1,402.00
Iowa: Experiments in irrigation of garden crops to determine the value of this use of water in sections where agriculture is successfully carried on without irrigation	165.00
Louisiana: Studies of methods of irrigation of rice and measurements of the quantities of water used, for the purpose of developing improved methods and bringing about a more economical use of water, where all water is pumped, and the quantity bears a direct relation to the cost of the products; tests of pumping plants furnishing water for irrigation for the purpose of pointing out possible improvements, and to secure data regarding cost of pumping to be supplied to others wishing to pump water for irrigation	1,722.98
Nebraska: Experiments in pumping water for irrigation in the semiarid portion of the State where stream water is not available, to determine the cost of providing a water supply and the practicability of irrigation in such regions	1,007.46
Nevada: Measurement of the quantities of water used in irrigation at points throughout the State, and studies of methods of use, with a view to securing the adoption of better methods and the use of smaller quantities of water	1,532.10
Oregon: Studies of methods of preparing land for irrigation and of applying water to crops, with a view to improvements in common practice; measurements of seepage losses from canals, studies of methods adopted to check these losses, and experiments with different methods of treating canals to prevent seepage; measurements of the quantities of water used in irrigation, made in cooperation with the State for the purpose of determining rights to water; studies of the records of claims to water from certain streams of the State	4,332.18
Texas: Furnishing expert advice regarding methods of irrigation in sections where irrigation was being introduced; observations on effect of irrigation with water charged with alkali; and studies of methods of applying water and of drainage with reference to the prevention of injury; experiments in irrigation in a section where it is not generally practiced to determine the cost of providing a water supply and the practicability of irrigation	2,401.00
Utah: Measurements of the quantities of water used in irrigation along certain streams, made in cooperation with the State engineer, for use in determining rights to water from those streams; experiments in supplying different quantities of water to crops; in applying it at different stages of plant growth to determine the proper quantities to use and the proper times at which to apply it, made in cooperation with the State experiment station	112.50
Washington: Collection of information regarding existing canals, irrigation practice, quantities of water used, methods of canal management, need of drainage under irrigation canals, cost of water rights and irrigated lands, for the purpose of supplying such information to intending settlers; measurements of seepage losses from canals and leakage from flumes, and collection of information regarding methods adopted for checking these losses	1,830.18

OFFICE OF EXPERIMENT STATIONS—Continued.

Wyoming: Measurements of water used and collection of information as to irrigation practice, with a view to securing improvements in methods and a more economical use of water $1,083.65

21,154.72

On irrigation extension.

Stations have been established and equipped in the semiarid region to determine the possibilities of irrigation on the plains where stream water is not available in connection with dry farming or stock raising. The work done includes the use of flood water in spring, the storage and use of storm water, pumping with different kinds of engines and windmills, and experiments in applying water by different methods to determine how the largest use can be made of the small supplies available.

Cheyenne, Wyo	$6,517.90
Newcastle, Wyo	3,695.37
Eads, Colo	6,849.42

17,062.69

DRAINAGE INVESTIGATIONS.

Arkansas: Ascertaining value of wet lands and outlining general plan for drainage; investigation of practicability of draining prairie lands by roadside ditches and improving natural channels to prevent overflow; assisting in the initiation of actual drainage constructions by giving advice in the formation of drainage districts and in the adoption of the best plans for doing the work 1,399.57

California: Investigations to determine the feasibility of drainage where water has to be removed by pumping, and the best system for collecting the water, and the best type of machinery for pumping the water where pumping is necessary 5,010.34

Colorado: Investigations to determine the best methods of draining lands in the San Luis and Arkansas valleys, where excess of water resulting from irrigation and accumulation of alkali threaten to result in the abandonment of large areas once under profitable cultivation 253.25

Florida: Investigation to determine the feasibility of draining the Everglades: the most feasible method and probable cost, and whether lands when drained will be suited to agriculture 4,766.75

Indiana: A survey of the Kankakee River channel and bordering areas and the preparation of a report outlining in detail plans for channel improvements and drainage construction whose completion will secure the freer discharge of the flood waters of the river and the more complete drainage and reclamation of the valuable agricultural lands of the Kankakee Valley 2,779.48

Kansas: A comprehensive examination and survey of the Neosho River and its contiguous agricultural bottom lands subject to drainage by overflow for the purpose of determining the best system of improvements to be inaugurated to control the river and protect the adjoining land, and to estimate the probable cost of the work proposed 5,510.32

Louisiana: Developing plans for drainage of an area of 15,000 acres near Collinston and making a general study of the possibilities of drainage throughout the low lands of the Mississippi Delta 480.92

Minnesota: Experiments to determine the feasibility of the use of tile drains in sections where severe winters obtain 488.08

Mississippi: Investigations to determine the feasibility and approximate cost of a main drainage system for 220,000 acres of land; these studies, including a determination of the practicability of cleaning out and enlarging natural but inadequate drainage outlets and a comparison of the advantages and cost of such work with the advantages and cost of providing new artificial outlets to relieve certain sections of surplus water 3,252.53

Nebraska: Investigation to determine the efficiency of tile drain in removing surplus water and thus assisting in the reclamation of waterlogged alkalied bottom land in the Platte River Valley 1,275.67

OFFICE OF EXPERIMENT STATIONS—Continued.

North Atlantic States: Investigations to determine the value of tidal marshes for agriculture and best methods of reclaiming same, including determination of system of diking to be adopted, methods of building same, methods of getting rid of the interior seepage water and of bringing soil into fit condition for agriculture	$831.12
North Dakota: Assisting in preparing comprehensive plans for the adequate drainage of large areas in the Red River Valley; investigation to determine the efficiency of tile drains in sections where the ground freezes to a depth of about 6 feet in winter	2,009.93
South Carolina: Investigation of the drainage of river bottom land to determine whether tidal river land may be protected from the inflow of salt water and fitted for dry-land crops; examination into the conditions which affect the drainage of coast lands in general	5,761.78
Tennessee: Investigation to determine the kind and cost of improvements required for the protection of valley lands from creek overflow, and probable benefits accruing to landowners	439.83
Texas: Devising methods of drainage by means of which Gulf coast lands may be relieved of salt which has accumulated near the surface since irrigation began; plans for reclamation of bottom lands from overflow	341.27
Utah: Experiments and investigations to determine the possibility and profitableness of draining and reclaiming areas of land once under profitable cultivation by irrigation and subsequently injured or ruined by the accumulation of water and alkali; experiments to determine the most practicable materials available for use in constructing underdrains suitable for installation in the various soils found in different counties throughout the State	4,381.86
Washington: Preliminary plans and estimate of cost of reclaiming 30,000 acres of land by drainage; investigation of land injured by seepage and alkali and preparation of plans for their reclamation	2,175.96
	41,558.66
On denatured alcohol as a possible fuel for producing power for pumping for irrigation and drainage: Tests of alcohol as a fuel for use in the usual types of gasoline and kerosene engines; tests to determine engine modifications necessary for most efficient use of alcohol fuel	3,491.82
General planning and supervision of irrigation and drainage investigations throughout the United States; preparation of reports, drafting and other work on illustrations, correspondence with field agents and public, purchase of field instruments and accessories, etc	16,791.86
Maintenance of headquarters for irrigation extension work and central supply and rating station	3,314.85
Printing of bulletins	4,926.33
Miscellaneous, supplies, apparatus, furniture, etc	9,750.99

Total:	
On use of water in irrigation	21,154.72
On irrigation extension	17,062.69
On drainage investigations	41,558.66
On denatured alcohol as a fuel for pumping water for irrigation	3,491.82
General supervision, preparation of reports, etc	17,744.04
Maintenance of headquarters for irrigation extension work, etc	3,314.85
Printing bulletins	4,926.33
Miscellaneous supplies, etc	9,750.99
	119,004.10
Appropriation	122,200.00
Balance	4,148.08

OFFICE OF PUBLIC ROADS.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Salaries, Office of Public Roads, 1907, $12,340."

STATUTORY SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Page, L. W.	Director, at $2,500	$2,500.00	$286.05
Eldridge, M. O.	Chief of records, at $1,800	1,800.00	44.70
Draper, A. E.	Editorial clerk, at $1,200	1,200.00	.....
Pennybacker, J. E., jr.	Clerk, class 1	1,200.00	140.08
Robey, E. R.	....do	1,200.00	.....
Francis, Grace	Clerk, at $1,000	1,000.00	.....
Springer, J. F.	....do	1,000.00	.....
Hamilton, N. B.	....do	519.44	.....
Hansen, Leopoldine	....do	477.78	.....
Do.	Clerk, at $720	306.00	.....
Waters, M. T.	....do	328.00	.....
Wells, E. M.	....do	720.00	.....
Total amount of appropriation			$12,340.00
Total amount paid for salaries			12,251.22
Unexpended balance			88.78

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Public road inquiries, 1907, $57,660."

LUMP-FUND SALARIES.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
In Washington.			
Cushman, A. S.	Assistant director, at $2,400 per annum and $8 per diem.	$2,173.33	$315.85
Pierce, V. M.	Chief engineer, at $2,000	2,000.00	449.60
Wormley, P. L., jr.	Testing engineer, at $1,800	1,800.00	91.65
Loder, A. E.	Assistant engineer, at $1,500	1,500.00	997.40
Dow, Victor W.	Junior assistant engineer, at $1,000 and $1,200	879.99	217.71
Rayner, Geo. E.	Expert road-roller operator, at $100 per month and $3.90 per diem.	662.00	81.55
Williams, Geo. T.	....do	1,208.00	73.65
Eldridge, J. H.	Assistant, at $1,350 per anum and $4.40 per diem.	1,352.00	55.60
Hubbard, Prevost	Assistant, at $1,200	1,200.00	57.24
Grant, Wm.	Student assistant, at $300	300.00	.....
Harrison, C. T.	Road expert, at $125 per month and $4.90 per diem.	1,515.50	86.30
McClure, Fay	Road expert, at $1,350 per annum and $4.40 per diem.	1,352.95	119.29
McCormick, E. B.	Road expert, at $3 per diem	210.00	150.05
Pennybacker, J. Ed.	....do	150.00	.....
Schloer, F. H.	Instrument maker, at $1,200	1,196.67	.....
Lord, E. C. E.	Petrographer, at $1,200	1,200.00	.....
Heidel, B. F.	Civil engineer student, at $50 per month, and junior assistant highway engineer, at $1,000 per annum.	611.11	84.39
Martin, R.	Civil engineer student, at $50 per month	20.00	.....
Mercader, Leopold	....do	550.00	248.07
Morton, R. M.	....do	598.33	256.70
Pruett, G. C.	....do	203.33	177.74
Rich, J. U. G.	....do	593.33	53.74
Thomas, Chas. R.	....do	300.00	6.10
Jackson, F. M., jr.	Laboratory apprentice, at $60 per month	720.00	.....
Kelsey, Frank G.	Clerk, at $1,000	722.23	.....
Tomlinson, W. F.	....do	208.33	.....
Watson, S. M.	Laborer, at $600	600.00	.....
Schultz, A. F.	Unskilled laborer, at $40 per month and $600 per annum.	595.00	.....
Tompkins, R. R.	Messenger boy, at $360 per annum and $40 per month.	470.00	.....
Total		24,892.10	.....

OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Public road inquiries, 1907, $57,660"—Continued.

LUMP-FUND SALARIES—Continued.

Name.	Title and rate.	Amount paid for salary.	Amount paid for travel and station and field expenses.
Out of Washington.			
Lancaster, Sam. C	Special agent and consulting engineer, at $8 per diem.	$1,412.00	$1,117.21
Cooley, G. W	Special agent, at $8 per diem	112.00	15.45
Marks, L. S	do	344.00	
Fletcher, A. B	Special agent, at $7 per diem	140.00	29.85
King, David W	Road expert, at $8 per diem	198.00	94.80
Spoon, W. L	Road expert, at $6 and $6.50 per diem	1,345.50	252.89
Cooley, Geo. L	Road expert, at $125 per month and $4.90 per diem.	1,166.60	355.13
Dodge, J. H	do	986.30	301.75
Haire, D. G	do	623.70	141.40
Evans, Wm. J	Expert road roller operator, at $100 per month and $3.90 per diem.	689.30	29.08
Wilbert, Andrew	do	1,013.00	161.45
Rodger, J. H., jr	Expert road roller operator, at $3.50 per diem	1,039.50	51.89
Hulbert, Archer B	Expert, at $4 per diem	580.00	261.47
Randall, Delmer W	Junior assistant engineer, at $75 per month	325.00	96.65
Anderson, A. P	Civil engineer student, at $600	43.33	52.00
Bowlby, H. L	do	11.67	
Voshell, James T	Civil engineer student, at $50 per month, and junior assistant highway engineer, at $1,000 per annum.	605.56	442.49
Total		10,635.46	

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Public road inquiries, 1907, $57,660"—Continued.

Name.	Amount.
Stationery.	
Andrews Paper Co., R. P	$1.50
Ballantyne, R. Carter	2.16
Brentano's (Incorporated)	6.00
Contingent expenses, Department of Agriculture	205.50
Library Bureau	9.60
Morrison Paper Co., E	4.05
Newman, E. S	1.5
Parker, B. Frank	15.25
Schmidt, Fred A	72.98
Swayze, W. L	28.46
Union Envelope Co	44.38
United States Envelope Co	2.92
Yawman and Erbe Manufacturing Co	10.50
Total	404.80
Miscellaneous supplies, etc.	
Allen Manufacturing Co., W. D	2.40
Allis-Chalmers Co	5.62
Austin-Western Co. (Limited)	276.00
Ballantyne & Co., Wm	.60
Barber & Ross	1.10
Becker & Co., Chas	5.91
Berger & Sons, C. L	3.00
Bishop & Co., J	26.72
Blook, Edw	8.40
Boston Gear Works	16.93
Bureau of Engraving and Printing	150.00
Capital Traction Co	15.00
Card Manufacturing Co., S. W	$2.32
Church & Stephenson	42.05
Collector of taxes, District of Columbia	26.29
Collins, J. Ross	38.50
Crocker-Wheeler Co	4.00
Dennison Manufacturing Co	3.00
Du Perow, M	30.60
Elliott Co	51.85
Ergood & Co., J. C	.84
Francis & Co	24.00
Galt & Bro	3.45
General Electric Co	2.75
Good Roads Machine Co	60.25
Grove Lime and Coal Co	9.45
Hammond Typewriter Co	4.50
Handy, L. C	4.50
Hartig, Louis	1.40
Herrmann, Chas. F	1.83
Hotel Red Book and Directory Co	3.00
Houck, S. D	1.00
Howard & Morse	22.84
Iroquois Iron Works	196.00
Joyce Engraving Co., M	9.88
Keasbey & Mattison Co	4.59
Kelly-Springfield Road Roller Co	5,384.85
Killian Co., Geo. P	3.75
King, W. L	1.50
Lamb & Tilden	.35
Lambie Co. (Incorporated), J. B	36.85
Lansburgh & Bro	.66
Litteral, Newt	20.00

OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Public road inquiries, 1907, $57,660"—Continued.

Name.	Amount.
***Miscellaneous supplies, etc.*—Cont'd.**	
Lutz & Co	$42.50
McComas, F. W	59.73
Malden & Melrose Gas Light Co	75.00
Miller, T. W	35.00
Monarch Typewriter Co	3.15
Moors Co	45.00
Murray Lyceum Bureau	8.00
Muth & Co., Geo. F	33.13
National Electrical Supply Co	27.29
Navy Department	112.16
New England Quartz Co	3.24
Port Huron Engine and Thresher Co	129.16
Randolph Paper Box Co	5.00
Rau, John C	11.94
Reilly, Hugh	4.79
Remington Typewriter Co	90.00
Rudolph & West Co	29.64
St. Louis Calcium Light Co	11.40
Salem Gas Light Co	100.00
Schafer & Co., E. G	2.03
Seamark, Harry F	41.50
Shelby Steel Tube Co	8.50
Smith Premier Typewriter Co	.25
Smoot, L. E	2.10
Somerville Co., Thos	32.05
Standard Oil Co	156.70
Studebaker Bros. Manufacturing Co	200.00
Thompson, C. W	15.69
Underwood Typewriter Co	235.00
Vanderbilt's Express	10.00
Walford, D. N	.60
Whyte, Warren M	5.50
Woodward & Lothrop	2.50
Woolf & Co., C. M	6.00
Total	8,053.08
Furniture.	
Hoeke, W. H	3.50
Moses & Sons, W. B	33.45
Woodward & Lothrop	26.57
Yawman & Erbe Manufacturing Co	69.35
Total	132.87
Freight.	
Baltimore and Ohio R. R	39.35
Chesapeake and Ohio Rwy. Co	65.60
Cleveland, Cincinnati, Chicago and St. Louis Rwy	146.90
Littlefield, Alvord & Co	9.66
Norfolk and Western Rwy. Co	27.60
Pennsylvania R. R. Co	3.07
Port Huron Engine and Thresher Co	45.00
Southern Rwy. Co	148.31
Washington Southern Rwy. Co	2.25
Total	487.74
Express.	
Adams Express Co	37.57
United States Express Co	17.14
Total	54.71
Telegraph.	
Postal Telegraph-Cable Co	18.35
Western Union Telegraph Co	70.21
Total	88.56

Name.	Amount.
Telephone.	
Chesapeake and Potomac Telephone Co	$31.60
Rent.	
Dierkoph, Geo. H. & Helen	1,253.31
Hight & Pickford, C. B. & T. H	626.66
Young, Rosanna C	120.00
Total	1,999.97
Gas and electricity.	
Potomac Electric Power Co	82.50
Washington Gas Light Co	5.30
Total	87.80
Apparatus, instruments, and laboratory material.	
Baker & Adamson Chemical Co	1.10
Bausch & Lomb Optical Co	112.96
Bishop & Co., J	10.35
Douglass Light Co	46.30
Eimer & Amend	10.78
Gilman, Z. D	34.34
Green, H. J	1.25
Greiner Co., Emil	19.74
Gurley, W. & L. E	341.70
Howell, Edwin E	.30
Mackall Bros	40.13
Pullman, E. J	46.17
Schmidt, Fred A	41.80
Sheetz, W. Silas	68.00
Thomas Co., A. H	34.80
Whitall, Tatum Co	.84
Total	810.66
Travel and station and field expenses.	
Anderson, Andrew P	52.00
Cooley, Geo. L	355.13
Cooley, Geo. W	15.45
Cushman, A. S	315.86
Dodge, J. H	301.75
Dow, V. W	217.71
Eldridge, J. H	54.00
Eldridge, M. O	44.70
Evans, Wm. J	29.08
Fletcher, A. B	29.85
Haire, B. G	141.40
Harrison, Chas. T	86.30
Heidel, B. F	84.50
Hubbard, Prevost	57.24
Hulbert, A. B	261.47
King, D. W	94.80
Lancaster, Saml. C	1,117.21
Loder, A. E	991.20
McClure, Fay	119.20
McCormick, E. B	150.00
Mercader, L	246.07
Morton, R. M	256.70
Page, L. W	206.06
Peirce, Vernon M	449.60
Pennybacker, J. E., jr	140.03
Pruett, J. C	177.74
Randall, D. W	96.65
Rayner, Geo. E	81.55
Rich, Joe A. G	53.94
Rodger, James A., jr	51.89
Spoon, W. L	252.89
Thomas, Chas. R., jr	6.10

OFFICE OF PUBLIC ROADS—Continued.

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Public road inquiries, 1907, $57,660"—Continued.

Name.	Amount.	Name.	Amount.
Travel and station and field expenses—Continued.		*Travel and station and field expenses*—Continued.	
Voshell, James T	$442.49	Wormley, P. L., jr	$91.65
Wilbert, Andrew	161.45		
Williams, Geo. T	73.65	Total	7,387.93

Total amount of appropriation	$57,660.00
Total expenditures under above groups	55,067.28
Unexpended balance	2,592.72

Report of expenditures for the fiscal year ended June 30, 1907, under appropriation "Public road inquiries, 1907, $57,660"—Continued.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Iroquois Iron Works	Lease of road roller	$196.00
Port Huron Engine and Thresher Co	do	129.16
Kelly-Springfield Road Roller Co	do	87.50
Rosanna Young	Lease of stable	120.00
Hight and Pickford	Lease of building	626.66
George H. Dierkoph and wife, Wm. H. Saunders & Co., agents.	do	1,253.31
Total		2,412.63

RECAPITULATION.

Statutory salaries	$12,251.22
Lump-fund salaries:	
In Washington	24,892.10
Outside of Washington	10,635.46
Stationery	404.80
Miscellaneous supplies and services, equipment, books, machinery, etc	8,053.08
Furniture	132.87
Freight	487.74
Express	54.71
Telegraph	88.56
Telephone	31.60
Rent	1,999.97
Gas and electricity	87.80
Apparatus, instruments, and laboratory material	810.66
Travel and station and field expenses	7,387.93
Total for entire Office of Public Roads	67,318.50
Total amount of appropriations	70,000.00
Total expenditures under above groups	67,318.50
Unexpended balance on September 30, 1907	2,681.50
Outstanding liabilities (estimated)	2,437.99
Balance to be turned back in Treasury (estimated)	243.51

OFFICE OF PUBLIC ROADS—Continued.

PROJECTS.

The principal projects conducted by the Office of Public Roads during the fiscal year ended June 30, 1907, were as follows, with approximate cost in each case. The cost of these projects has also been charged in each case against the group to which it pertains.

Object-lesson roads: Work under this project was conducted in 12 States; a total of 200,711 square yards of road was completed, illustrating proper methods of construction of macadam, gravel, shell, earth, and sand-clay; the cost was $15,349.86 for salaries, $2,250.21 for traveling expenses, and $2,395 for freight, supplies, and miscellaneous expenses—a total of.... $19,995.07

Instruction in highway engineering: Under this project graduates of engineering schools are appointed after a competitive examination to the position of civil-engineer student for a period of one year, during which they receive special training in highway engineering, at the same time rendering service to the Office; this project also covers lectures at colleges; during the past year six of these students were appointed at $600 per annum; the cost was $3,494.99 for salaries, $1,298.39 for expenses—a total of..... 4,793.38

Testing road materials: During the past year 405 samples of road material were received from 41 States, Canada and England, and tests were made to determine their suitability for use in the construction of roads; the cost was $4,583.41 for salaries, $288.93 for supplies and miscellaneous expenses—a total of..... 4,872.34

Road mileage, revenues, and expenditures in 1904: During the past two years the Office has been conducting an investigation to ascertain the total road mileage in each of the States by counties, the percentage of roads improved, the revenues available for road work, and the total expenditures for such purposes during the year 1904; this project was completed at the close of the last fiscal year; the cost was $4,283.49 for salaries, $152.12 for expenses—a total of..... 4,435.61

Lectures, addresses, and papers: About 150 lectures were given throughout the United States on various subjects connected with road building; this work cost $1,845.82 for salaries, $1,810.71 for expenses—a total of.. 3,656.53

Special advice and inspection: This project covers all cases where road problems are personally investigated by representatives of this Office: about 40 assignments of this character were made during the last year; the cost was $1,289.16 for salaries, and $909.52 for expenses—a total of.. 2,198.68

Investigation of dust preventives: The general use of motor vehicles is proving destructive to macadam roads, except in the few instances where the roads have been treated in such manner as to prevent the formation of dust; an investigation has been conducted by this Office in the form of field and laboratory experiments with all known materials, which might prove suitable for this purpose, and all available information was secured as to the methods being followed in European countries; the cost was $1,222.20 for salaries, $236.51 for traveling expenses, $331.70 for materials and miscellaneous expenses—a total of.... 1,790.41

Inspection of rural-delivery roads: The Post-Office Department from time to time forwards to this Office a list of rural-route roads which are in bad condition; application forms and information are sent to the postmaster in charge of the bad roads complained of, and, when request is received at this Office, experts are sent to give advice and assistance necessary to enable local authorities to improve the roads; during the year such inspection and advice were given at eighteen places in eight States; the cost was $636.27 for salaries, $339.59 for expenses—a total of.. 969.86

Standardization of tests: A new impact machine was completed for testing the toughness of road-building rock, and specifications for determining the toughness of rocks were submitted to the American Society for Testing Materials and adopted; work was conducted with a view to standardizing all road-material tests; the cost for salaries was..... 396.67

Classification of road materials: A definite stage was reached in this project and a bulletin issued establishing the correlation of the physical properties and mineral composition of road materials; the cost for salaries was..... 600.00

OFFICE OF PUBLIC ROADS—Continued.

Cooperation with Forest Service: An engineer of this Office made a thorough inspection of roads and trails in the Yellowstone Forest Reserve and submitted a report containing recommendations and estimates for a system of roads and trails in that reserve; the cost was $441.67 for salary, $368.85 for expenses—a total of	$810.52
Investigation of road materials in the several States: An investigation begun in Minnesota in January, 1907, was nearly completed at the close of the fiscal year; the cost was $112 for salary, $18.70 for expenses—a total of	130.70
Introduction of model systems of road construction, maintenance, and administration: Under this project an engineer is assigned to investigate roads, road materials, equipment, organization, administration, and draw up a report and working plan to secure the best possible results for future work; such investigation was completed in Santa Barbara County, Cal., a little after the close of the fiscal year, and a somewhat similar investigation was completed in McDowell County, W. Va.; the cost was $250.83 for salaries, $161.25 for expenses—a total of	412.08
Corrosion of iron and steel: An investigation conducted by Dr. A. S. Cushman to ascertain the causes for the corrosion of iron and steel has been remarkably successful; he demonstrated that the generally accepted theories regarding the oxidation of iron and steel are incorrect, and that by coating the surface of these metals with a strong oxidizing agent the rusting can be prevented; the importance of this discovery can not be overestimated; the cost was $799 for salary, $17.23 for expenses—a total of	816.23
The decomposition of rocks under the action of water: The study of the decomposing action of water on finely-ground rocks conducted by Doctor Cushman has also led to valuable results; the fact has been developed that a better bonded surface can be obtained by mixing rocks, such as limestones, with the more siliceous crystalline rocks; a method has been developed for extracting potash from feldspathic rocks; the cost was $1,108.33 for salary	1,108.33
Concrete and cement: The investigations under this project have been conducted at a cost for salaries of	278.00
History of road building: A history of road building has been completed for publication at a cost for salary of	344.00
Bibliography: A bibliography on every phase of the road subject in every country in the world is very nearly completed; the cost for salary the past year was	220.55
Bulletin, macadam roads: A thoroughly practical and reliable bulletin was published at a cost for salary of $140 with expenses of $29.85—total of	169.85
Split-log drag: The introduction of the split-log drag for the maintenance of earth roads and the preparation of a bulletin on the subject cost, during the past year, for salary $198, for expenses $94.80—a total of	292.80
Digest of road laws: This work is very nearly complete; the cost for the past year was for salary	150.00
Geological survey: A cooperative plan was entered into with the Geological Survey whereby this Office was to indicate the various classes of roads on the topographic maps: very little work was done under this project; the total cost for salary having been	30.00
Executive and administrative: Salaries	3,481.67
Routine office work: Salaries	5,272.24
Editorial and library:	
Salary	1,200.00
Quarters	2,744.97
Machine shop	800.00
Permanent equipment	7,700.00
Total	69,670.00

RECAPITULATION OF APPROPRIATIONS FOR THE DEPARTMENT OF AGRICULTURE.

Statutory salaries		$1,043,256.77
Lump-fund salaries:		
In Washington		1,031,106.88
Outside of Washington		4,146,406.00
Stationery		116,843.00
Miscellaneous supplies and services, equipment, books, machinery, etc		1,442,575.23
Furniture		69,743.88
Fuel		23,885.35
Freight		9,700.46
Express		11,916.70
Telegraph		197,117.36
Telephone		21,400.45
Rent		153,282.66
Gas and electricity		14,850.71
Apparatus, instruments, and laboratory material		117,499.35
Printing and binding		154,072.53
Travel and station and field expenses		728,358.20
Total		9,282,074.70
Total appropriations for Department of Agriculture		11,415,957.97
Total expenditures under above groups	$9,282,074.70	
Advances to temporary disbursing agents	78,859.56	
		9,360,934.26
Balance		2,055,023.71
Of this amount the balance on June 30, 1907, under the several appropriations which were available until used was	327,925.24	
Amount available in fiscal year 1908 (balance on June 30, 1907)	330,781.24	
		658,706.48
Unexpended balance September 30, 1907		1,396,317.23
Repayments to credit of appropriations through Treasury		4,467.80
Net unexpended balance on September 30, 1907		1,400,785.03
Outstanding liabilities (estimated)		247,239.24
Balance to be turned back in Treasury (estimated)		1,153,545.79

General contracts for annual supplies for the Department of Agriculture.

CONTRACTS.

[Expenditures hereunder are also distributed among the foregoing groups.]

Contractor.	Nature of contract.	Approximate amount.
Allen Manufacturing Co., W. D	Leather belting	$400.00
American News Co	Stationery supplies	10.00
American Lead Pencil Co	do	600.00
American Railway Supply Co	Car seals	200.00
American Typefounders Co	Printing and lithographing	300.00
Andrews Paper Co., R. P	Stationery supplies	11,730.00
Anchor Lamp Co	Lamps	50.00
Armour & Co	Soap and washing powder	50.00
Ballantyne, R. Carter	Stationery supplies	2,000.00
Baumgarten & Sons, J	do	50.00
Bausch & Lomb Optical Co	Laboratory supplies	6,000.00
Becker & Co., Chas	Painters' material	500.00
Bensinger & Co., S	Waste paper	60.00
Bernard Co., E. G	Electrical supplies	5,500.00
Bishop & Co., J	Laboratory supplies	400.00
Brooks & Co., E. J	Car seals	100.00
Carter, Rice & Co	Stationery supplies	400.00
Clark, Davenport & Co	Furniture, etc	1,100.00
Conger Bros. & Co	Cleaning carpets	400.00
Church & Stephenson	Lumber	4,400.00
Davidson & Co., H. C	Stationery supplies	200.00
Dennison Manufacturing Co	Car seals, etc	400.00
Densmore Typewriter Co	Stationery supplies, etc	500.00
District of Columbia Paper Manufacturing Co.	Stationery supplies	500.00
Eagle Pencil Co	do	600.00
Elliott & Co., James	Miscellaneous supplies	600.00
Empire Steam Laundry	Washing towels	300.00
Ergood Co., J. C	Miscellaneous supplies	1,000.00
Fairbanks Co	Plumbers' material	500.00
Farmer & Son, A. D	Printing and lithographing	500.00
Flint & Walling Manufacturing Co	Instruments, towers, etc	3,000.00
Forker, C. A	Flags	7,000.00
Friedenwald Co	Printing and lithographing	2,500.00
Friez, Julien P	Instruments	2,500.00
Fritch, Geo. T	Miscellaneous supplies	150.00

General contracts for annual supplies for the Department of Agriculture—Continued.

CONTRACTS—Continued.

Contractor.	Nature of contract.	Approximate amount.
Gehlert, Louis	Printing and lithographing	$500.00
Gilman, Z. D	Laboratory material	1,300.00
Gray & Sons, Peter	Telegraph and hardware material	1,700.00
Grammes & Sons, L. F	Stationery supplies	500.00
Greiner Co., Emil	Laboratory materials	1,700.00
Green, Henry J	Instruments, towers	2,300.00
Heiskell Co., P. H	Implements, seeds	150.00
Hartig, Louis	Telegraph and hardware material	100.00
Hiser, Daniel	Flower pots	1,000.00
Hoeke, Wm. H	Furniture, etc	5,500.00
Hoge & McDowell Co	Forage	7,200.00
Holcomb Manufacturing Co., J. I	Miscellaneous supplies	50.00
Holtzer Cabot Electric Co	Electrical supplies	250.00
Home Ice Co	Ice	1,800.00
Howard, Geo. E	Car seals, tags, etc	500.00
International Seal and Lock Co	....do	2,500.00
Jenks, W. S	Instruments, etc	1,500.00
Johnson & Co., Eneu	Stationery supplies	2,500.00
Lamb & Tilden	....do	500.00
Lambie Co., Jas. B	Miscellaneous supplies	600.00
Lansburgh & Bro	....do	550.00
Lansburgh Furniture and Carpet Co., J.	Furniture, carpets, etc	2,000.00
Lindemeyr, Philip	Stationery supplies	9,000.00
Lindsay Rubber Manufacturing Co., M.	Laboratory materials	50.00
Morrison Paper Co., E	Stationery supplies	70.00
Mackall Bros	Laboratory material	3,500.00
Meier Co., George	Painters' material	50.00
Millar & Co., Geo. W	Stationery supplies	500.00
Mineralized Rubber Co	Plumbers' material	300.00
Monarch Typewriter Co	Stationery supplies	500.00
Moses & Sons, W. B	Furniture, carpets, etc	8,000.00
Mullin, Edward	Miscellaneous supplies	100.00
Murphy, Robert	Fuel and ice	700.00
McCubbin Co., C. J	Plumbers' material	500.00
Muth & Co., Geo. F	Stationery supplies	1,200.00
National Carbon Co	....do	1,800.00
National Electrical Supply Co	Telegraph and hardware material	5,000.00
Nawrath, J. P	Stationery supplies	1,500.00
Okonite Co. (Limited)	Telegraph and hardware material	1,800.00
Oliver Typewriter Co	Stationery supplies	500.00
Parker, D. Frank	....do	7,500.00
Philadelphia Thermometer Co	Instruments, towers	100.00
Pratt Manufacturing Co., Wm. E	Car seals, etc	400.00
Queen & Co. (Incorporated)	Instruments, towers, etc	800.00
Rau, John C	Electrical supplies	900.00
Remington Typewriter Co	Stationery supplies	1,000.00
Royal Typewriter Co	....do	500.00
Reilly, Hugh	Painters' material	700.00
Rudolph & West Co	Miscellaneous supplies	1,100.00
Schmidt, Fred A	Stationery supplies	500.00
Smith & Bros. Typewriter Co., L. C	....do	500.00
Shafer & Co	Plumbers' material	1,000.00
Smith Premier Typewriter Co	Stationery supplies	500.00
Southern Printers Supply Co	Printing and lithographing	200.00
Standard Oil Co	Painters' material	150.00
Somerville Co., Thos	Plumbers' material	1,000.00
Stewart & Co	Forage	8,500.00
Storms Co., H. H. M	Stationery supplies	100.00
Swayze, W. L	....do	18,500.00
Thiemeyer Co., J. H	Lumber and packing boxes	800.00
Thomas Co., A. H	Laboratory materials	1,250.00
Topham, Jas. S	Furniture, etc	2,000.00
Turton, J. Edward	Instruments, towers, etc	1,200.00
Underwood Typewriter Co	Stationery supplies	5,000.00
Valley Paper Co	....do	1,000.00
Waterbury Battery Co	Electrical supplies	800.00
Wiegand, Martin	Lumber and packing boxes	50.00
Whitall Tatum Co	Laboratory material	437.00
Widman & Co., C. D	Furniture, etc	550.00
Woodward & Lothrop	....do	2,500.00
Zeh Co., Wm. J	Coal	20,000.00

O

ESTIMATES OF EXPENDITURE

FOR

DEPARTMENT OF AGRICULTURE

1909

LETTER FROM THE SECRETARY OF AGRICULTURE, TRANSMITTING, PURSUANT TO LAW, CLASSIFIED AND DETAILED ESTIMATES OF EVERY SUBJECT OF EXPENDITURE INTENDED FOR THE DEPARTMENT FOR THE NEXT FISCAL YEAR

WASHINGTON
GOVERNMENT PRINTING OFFICE
1908

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., April 8, 1908.

SIR: As required by act of March 4, 1907 (Statutes at Large 34, p. 1282), I have the honor to transmit herewith classified and detailed estimates of every subject of expenditure intended for the Department of Agriculture for the next fiscal year and detailed reports of all expenditures under any appropriation for such service during the fiscal year ended June 30, 1907.

Very respectfully,

JAMES WILSON,
Secretary.

THE PRESIDENT OF THE SENATE.

NOTE.—The detailed reports of expenditures during the fiscal year ended June 30, 1907, referred to in the foregoing letter of transmittal, are printed in Senate document No. 425, Sixtieth Congress.

TABLE OF CONTENTS.

	Page.
Office of the Secretary	5
Weather Bureau	9
Bureau of Animal Industry	18
Bureau of Plant Industry (including buildings, Department of Agriculture)	22
Forest Service	52
Bureau of Chemistry	64
Bureau of Soils	71
Bureau of Entomology	83
Bureau of Biological Survey	89
Division of Accounts and Disbursements	92
Division of Publications	94
Bureau of Statistics	96
Library	102
Office of chief clerk (contingent expenses, Department of Agriculture)	104
Office of Experiment Stations	104
Office of Public Roads	113
Recapitulation	120

DEPARTMENT OF AGRICULTURE.

Classified and detailed estimates of every subject of expenditure intended for the Department of Agriculture for the fiscal year ending June 30, 1909.

OFFICE OF THE SECRETARY.

[Salaries, Department of Agriculture, Office of the Secretary—$134 220.]

Secretary of Agriculture	$12,000.00
Assistant Secretary of Agriculture, $5,000; and the Assistant Secretary is hereby authorized to perform such duties in the conduct of the business of the Department of Agriculture as may be assigned by the Secretary of Agriculture	5,000.00
Solicitor (increase of $1,000 submitted)	4,500.00
Chief clerk, $2,500 (and $500 additional submitted as custodian of buildings)	3,000.00
Private secretary to the Secretary of Agriculture	2,500.00
Stenographer and executive clerk to the Secretary of Agriculture (increase of $200 submitted)	2,200.00
Private secretary to the Assistant Secretary of Agriculture	1,600.00
Stenographer to the Assistant Secretary of Agriculture	1,400.00
One appointment clerk (increase of $200 submitted)	2,200.00
One chief of supply division	2,000.00
One inspector	2,000.00
One telegraph and telephone operator	1,400.00
One telegraph and telephone operator	1,200.00
One clerk of class 4	1,800.00
Three clerks of class 3	4,800.00
Five clerks of class 2 (transfer of 2 from lump-fund roll of Forest Service and one from lump-fund roll of Bureau of Animal Industry, and a decrease of 1 by transfer from roll of the Secretary's office to the Division of Accounts, making a net increase of 2 submitted)	7,000.00
Seven clerks of class 1	8,400.00
Five clerks, at $1,000 each (increase of 3 submitted by transfer from the lump-fund roll of the Bureau of Animal Industry and the statutory rolls of the Forest Service and Bureau of Statistics)	5,000.00
Two clerks, at $900 each (increase of 1 submitted, by transfer from the lump-fund roll of the Bureau of Plant Industry)	1,800.00
One clerk	840.00
Six clerks, or laborers, at $720 each	4,320.00
One chief engineer, who shall be captain of the watch	1,600.00
One assistant engineer (submitted)	1,100.00
NOTE.—One fireman, who shall be a steam fitter, at $900, has been dropped.	
Two assistant engineers, at $1,000 each (submitted)	2,000.00
Four firemen, at $720 each (submitted)	2,880.00
NOTE.—Three assistant firemen, at $720 each, and one assistant fireman, at $600, have been dropped.	
Four elevator conductors, at $720 each (submitted)	2,880.00
One cabinetmaker (submitted)	1,100.00
One carpenter	1,000.00
One electrician	1,000.00
One painter	900.00
One painter	720.00
One plumber	900.00
One blacksmith	840.00
One lieutenant of the watch	1,000.00
Sixteen watchmen, at $720 each (in lieu of 13 night watchmen, and 2 day watchmen, at $720 each, dropped at this place on the roll, and an increase of 1 submitted)	11,520.00
One mechanic	1,100.00
Seven clerks or messengers, at $840 each	5,880.00

DEPARTMENT OF AGRICULTURE.

Classified and detailed estimates of every subject of expenditure intended for the Department of Agriculture for the fiscal year ending June 30, 1909.

OFFICE OF THE SECRETARY.

[Salaries, Department of Agriculture, Office of the Secretary—$134 220.]

Secretary of Agriculture	$12,000.00
Assistant Secretary of Agriculture, $5,000; and the Assistant Secretary is hereby authorized to perform such duties in the conduct of the business of the Department of Agriculture as may be assigned by the Secretary of Agriculture	5,000.00
Solicitor (increase of $1,000 submitted)	4,500.00
Chief clerk, $2,500 (and $500 additional submitted as custodian of buildings)	3,000.00
Private secretary to the Secretary of Agriculture	2,500.00
Stenographer and executive clerk to the Secretary of Agriculture (increase of $200 submitted)	2,200.00
Private secretary to the Assistant Secretary of Agriculture	1,600.00
Stenographer to the Assistant Secretary of Agriculture	1,400.00
One appointment clerk (increase of $200 submitted)	2,200.00
One chief of supply division	2,000.00
One inspector	2,000.00
One telegraph and telephone operator	1,400.00
One telegraph and telephone operator	1,200.00
One clerk of class 4	1,800.00
Three clerks of class 3	4,800.00
Five clerks of class 2 (transfer of 2 from lump-fund roll of Forest Service and one from lump-fund roll of Bureau of Animal Industry, and a decrease of 1 by transfer from roll of the Secretary's office to the Division of Accounts, making a net increase of 2 submitted)	7,000.00
Seven clerks of class 1	8,400.00
Five clerks, at $1,000 each (increase of 3 submitted by transfer from the lump-fund roll of the Bureau of Animal Industry and the statutory rolls of the Forest Service and Bureau of Statistics)	5,000.00
Two clerks, at $900 each (increase of 1 submitted, by transfer from the lump-fund roll of the Bureau of Plant Industry)	1,800.00
One clerk	840.00
Six clerks, or laborers, at $720 each	4,320.00
One chief engineer, who shall be captain of the watch	1,600.00
One assistant engineer (submitted)	1,100.00
NOTE.—One fireman, who shall be a steam fitter, at $900, has been dropped.	
Two assistant engineers, at $1,000 each (submitted)	2,000.00
Four firemen, at $720 each (submitted)	2,880.00
NOTE.—Three assistant firemen, at $720 each, and one assistant fireman, at $600, have been dropped.	
Four elevator conductors, at $720 each (submitted)	2,880.00
One cabinetmaker (submitted)	1,100.00
One carpenter	1,000.00
One electrician	1,000.00
One painter	900.00
One painter	720.00
One plumber	900.00
One blacksmith	840.00
One lieutenant of the watch	1,000.00
Sixteen watchmen, at $720 each (in lieu of 13 night watchmen, and 2 day watchmen, at $720 each, dropped at this place on the roll, and an increase of 1 submitted)	11,520.00
One mechanic	1,100.00
Seven clerks or messengers, at $840 each	5,880.00

OFFICE OF THE SECRETARY—Continued.

Two assistant messengers, at $720 each	$1,440.00
Two assistant messengers, at $600 each	1,200.00
One assistant messenger	480.00
One skilled laborer	840.00
One skilled laborer	720.00
One skilled laborer	660.00
Three skilled laborers, at $600 each	1,800.00
One skilled laborer	480.00

NOTE.—One assistant messenger or laborer, at $600, dropped.

One laborer	600.00
Eleven laborers or charwomen, at $480 each	5,280.00
One charwoman	540.00
Five charwomen, at $240 each	1,200.00
For extra laborers, emergency employments, and pay of rents	7,600.00
Total amount estimated	134,220.00

NOTE.—There is an increase in the salary of 1 solicitor from $3,500 to $4,500, to make it conform to the salaries paid to solicitors in other Departments; 1 chief clerk, from $2,500 to $3,000, being an increase of $500 for services as custodian of buildings, which is the same amount as paid to custodians of buildings in other Departments; 1 stenographer and executive clerk to the Secretary of Agriculture, from $2,000 to $2,200, and 1 appointment clerk from $2,000 to $2,200; total promotions, $1,900.

The following places have been added by transfer from the rolls of other bureaus, and the amounts have been deducted from the appropriations of those bureaus, viz: Two clerks class 2; 3 clerks, at $1,000 each, and 1 clerk, at $900; total transfers, $6,700. One cabinetmaker, at $1,100, has also been transferred from the "emergency roll" of the Secretary's office, at the same salary, but the appropriation has not been reduced, as the entire amount will be needed; therefore it is a new place at $1,100.

In rearranging the force of engineers, firemen, and watchmen for the new buildings, the following changes have been made, viz: One assistant engineer, at $1,100; 2 assistant engineers, at $1,000 each; 4 elevator conductors, at $720 each; 4 firemen, at $720 each, and one watchman, at $720, have been added, aggregating $9,580, and 1 fireman, who shall be steam fitter, at $900, 3 assistant firemen, at $720 each; 1 assistant fireman, at $600, and one assistant messenger or laborer at $600 have been dropped, aggregating $4,260, or a net increase of $5,320. To offset this the following places have been omitted from the rolls of the several bureaus which will be assigned quarters in the new buildings, and the appropriations of these bureaus have been reduced accordingly, viz: Two watchmen, at $720 each, and 1 watchman, at $600, in the Bureau of Plant Industry; 1 messenger, acting as fireman, $840; 1 fireman, at $720; 1 messenger, at $720, acting as watchman, and 1 skilled laborer, at $720, acting as watchman, in the Bureau of Animal Industry; and 1 fireman, at $840, and 2 watchmen, at $720 each, in the Bureau of Soils, aggregating $7,320, making a net reduction in force of $2,000 by removal to new buildings. Considering all the above increases in connection with the decreases made in the appropriations of the several bureaus, there is a net increase in the Secretary's roll of only $1,000, as follows:

Promotions on Secretary's roll		$1,900.00
Cabinetmaker (new place) on Secretary's roll		1,100.00
Transfer of clerks from bureaus		6,700.00
Watchmen and firemen added to Secretary's roll		9,580.00
Total		19,280.00
Decrease of watchmen and firemen on rolls of several bureaus	$7,320.00	
Decrease of clerks on rolls of several bureaus	6,700.00	
Places dropped from Secretary's roll	4,260.00	
		18,280.00
Net increase		1,000.00

NOTE.—A slight rearrangement has been made in the above roll as re- *ls laborers,* charwomen, assistant messengers, etc., for the purpose of *lifying* the same. It involves no change in salary.

OFFICE OF THE SECRETARY—Continued.

mount of above appropriation for fiscal year 1907 (including $1,300 for increase in salary of Secretary of Agriculture)		$114,500.00
mount of above appropriation for fiscal year 1908 (increase of $4,700)		119,200.00
mount estimated for fiscal year 1909 (apparent increase of $15,020)		134,220 00

The above force will perform the following duties:

dministrative and executive:		
Secretary of Agriculture	$12,000.00	
Assistant Secretary of Agriculture	5,000.00	
Chief clerk of Department	3,000.00	
Private secretary to Secretary of Agriculture	2,500.00	
Private secretary to Assistant Secretary of Agriculture	1,600.00	
Stenographer and executive clerk	2,200.00	
Stenographer to Assistant Secretary	1,400.00	
One inspector	2,000.00	
One clerk, class 3	1,600.00	
Two messengers, at $840 each	1,680.00	
One laborer	720.00	
		$33,700.00
ffice of Solicitor:		
One solicitor	$4,500.00	
Two clerks, class 2	2,800.00	
Two clerks, class 1	2,400.00	
(Lump-fund appropriations.)		
One clerk, class 1 (from Bureau of Plant Industry)	1,200.00	
Two clerks, class 4 (one from Bureau of Animal Industry and other from Bureau of Chemistry)	3,600.00	
One messenger	480.00	
		14,980.00
ppointment Division:		
One appointment clerk	$2,200.00	
One clerk, class 4	1,800.00	
Two clerks, class 3	3,200.00	
Two clerks, class 1	2,400.00	
One clerk	1,000.00	
One clerk	900.00	
One clerk	720.00	
One messenger	840.00	
One assistant messenger	720.00	
One assistant messenger	600.00	
One assistant messenger	480.00	
		14,860.00
upply Division:		
One chief of supply division	$2,000.00	
One clerk, class 2	1,400.00	
One clerk, class 1	1,200.00	
One clerk	1,000.00	
One messenger	840.00	
One laborer	480.00	
		6,920.00
ile room:		
Two clerks, class 2	$2,800.00	
One clerk, class 1	1,200.00	
One clerk	840.00	
Two clerks, at $1,000 each	2,000.00	
One clerk	720.00	
		7,560.00
elegraph and telephone section:		
One telegraph and telephone operator	$1,400.00	
One telegraph and telephone operator	1,200.00	
One laborer	720.00	
		3,320.00

DEPARTM

SIR: As required by act of
p. 1282), I have the honor to
estimates of every subject of
ment of Agriculture for the
all expenditures under any a
fiscal year ended June 30, 19

Very respectfully,

THE PRESIDENT OF THE

NOTE.—The detailed reports of
1907, referred to in the foregoing
No. 425, Sixtieth Congress.

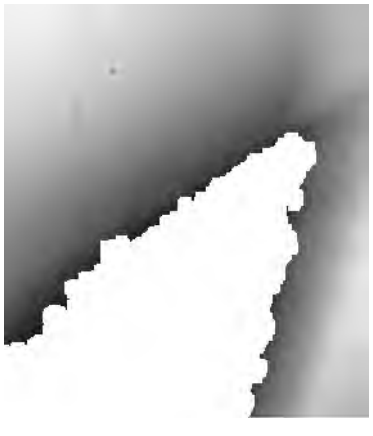


TABLE OF CONTENTS.

	Page.
Office of the Secretary	5
Weather Bureau	9
Bureau of Animal Industry	18
Bureau of Plant Industry (including buildings, Department of Agriculture)	22
Forest Service	52
Bureau of Chemistry	64
Bureau of Soils	71
Bureau of Entomology	83
Bureau of Biological Survey	89
Division of Accounts and Disbursements	92
Division of Publications	94
Bureau of Statistics	96
Library	102
Office of chief clerk (contingent expenses, Department of Agriculture)	104
Office of Experiment Stations	104
Office of Public Roads	113
Recapitulation	120

DEPARTMENT OF AGRICULTURE.

Classified and detailed estimates of every subject of expenditure intended for the Department of Agriculture for the fiscal year ending June 30, 1909.

OFFICE OF THE SECRETARY.

[Salaries, Department of Agriculture, Office of the Secretary—$134 220.]

Secretary of Agriculture	$12,000.00
Assistant Secretary of Agriculture, $5,000; and the Assistant Secretary is hereby authorized to perform such duties in the conduct of the business of the Department of Agriculture as may be assigned by the Secretary of Agriculture	5,000.00
Solicitor (increase of $1,000 submitted)	4,500.00
Chief clerk, $2,500 (and $500 additional submitted as custodian of buildings)	3,000.00
Private secretary to the Secretary of Agriculture	2,500.00
Stenographer and executive clerk to the Secretary of Agriculture (increase of $200 submitted)	2,200.00
Private secretary to the Assistant Secretary of Agriculture	1,600.00
Stenographer to the Assistant Secretary of Agriculture	1,400.00
One appointment clerk (increase of $200 submitted)	2,200.00
One chief of supply division	2,000.00
One inspector	2,000.00
One telegraph and telephone operator	1,400.00
One telegraph and telephone operator	1,200.00
One clerk of class 4	1,800.00
Three clerks of class 3	4,800.00
Five clerks of class 2 (transfer of 2 from lump-fund roll of Forest Service and one from lump-fund roll of Bureau of Animal Industry, and a decrease of 1 by transfer from roll of the Secretary's office to the Division of Accounts, making a net increase of 2 submitted)	7,000.00
Seven clerks of class 1	8,400.00
Five clerks, at $1,000 each (increase of 3 submitted by transfer from the lump-fund roll of the Bureau of Animal Industry and the statutory rolls of the Forest Service and Bureau of Statistics)	5,000.00
Two clerks, at $900 each (increase of 1 submitted, by transfer from the lump-fund roll of the Bureau of Plant Industry)	1,800.00
One clerk	840.00
Six clerks, or laborers, at $720 each	4,320.00
One chief engineer, who shall be captain of the watch	1,600.00
One assistant engineer (submitted)	1,100.00
NOTE.—One fireman, who shall be a steam fitter, at $900, has been dropped.	
Two assistant engineers, at $1,000 each (submitted)	2,000.00
Four firemen, at $720 each (submitted)	2,880.00
NOTE.—Three assistant firemen, at $720 each, and one assistant fireman, at $600, have been dropped.	
Four elevator conductors, at $720 each (submitted)	2,880.00
One cabinetmaker (submitted)	1,100.00
One carpenter	1,000.00
One electrician	1,000.00
One painter	900.00
One painter	720.00
One plumber	900.00
One blacksmith	840.00
One lieutenant of the watch	1,000.00
Sixteen watchmen, at $720 each (in lieu of 13 night watchmen, and 2 day watchmen, at $720 each, dropped at this place on the roll, and an increase of 1 submitted)	11,520.00
One mechanic	1,100.00
Seven clerks or messengers, at $840 each	5,880.00

ESTIMATES OF EXPENDITURE

FOR

DEPARTMENT OF AGRICULTURE

1909

LETTER FROM THE SECRETARY OF AGRICULTURE, TRANSMITTING, PURSUANT TO LAW, CLASSIFIED AND DETAILED ESTIMATES OF EVERY SUBJECT OF EXPENDITURE INTENDED FOR THE DEPARTMENT FOR THE NEXT FISCAL YEAR

WASHINGTON
GOVERNMENT PRINTING OFFICE
1908

ESTIMATES OF EXPENDITURE

FOR

DEPARTMENT OF AGRICULTURE

1909

LETTER FROM THE SECRETARY OF AGRICULTURE, TRANSMITTING, PURSUANT TO LAW, CLASSIFIED AND DETAILED ESTIMATES OF EVERY SUBJECT OF EXPENDITURE INTENDED FOR THE DEPARTMENT FOR THE NEXT FISCAL YEAR

WASHINGTON
GOVERNMENT PRINTING OFFICE
1908

ESTIMATES OF EXPENDITURE

FOR

DEPARTMENT OF AGRICULTURE

1909

LETTER FROM THE SECRETARY OF AGRICULTURE, TRANSMITTING, PURSUANT TO LAW, CLASSIFIED AND DETAILED ESTIMATES OF EVERY SUBJECT OF EXPENDITURE INTENDED FOR THE DEPARTMENT FOR THE NEXT FISCAL YEAR

WASHINGTON
GOVERNMENT PRINTING OFFICE
1908

WEATHER BUREAU—Continued.

Publication Division—Charge of the printing of weather maps, bulletins, forms, Monthly Weather Review, and other publications—Continued.			
One messenger	$720.00		
Two laborers, at $660 each	1,320.00		
Three folders and feeders, at $630 each	1,890.00		
Two messengers, at $600 each	1,200.00		
		$47,390.00	
Records Division—Charge of the checking and compiling of meteorological data:			
* One professor of meteorology, in charge	$3,000.00		
One clerk	1,800.00		
Two clerks, at $1,400 each	2,800.00		
Six clerks, at $1,200 each	7,200.00		
Three clerks, at $1,000 each	3,000.00		
Two clerks, at $900 each	1,800.00		
One copyist	840.00		
One copyist	720.00		
One messenger	600.00		
		21,760.00	
Supplies Division—Charge of the purchase and issuing of supplies:			
One chief of division	$2,000.00		
Two clerks, at $1,400 each	2,800.00		
Three clerks, at $1,200 each	3,600.00		
One clerk	1,000.00		
One skilled artisan	840.00		
One laborer	660.00		
One messenger	660.00		
		11,560.00	
Telegraph Division—Charge of the maintenance and repair of telegraph lines owned by the Weather Bureau, and the transmission and checking of all telegraph and telephone messages. Seven of the clerks in this division are also skilled operators, who daily receive and transmit the messages, reports, etc., required in the forecast and warning work at Washington:			
One chief of division	$2,000.00		
One clerk	1,800.00		
One clerk	1,600.00		
Two clerks, at $1,400 each	2,800.00		
Two clerks, at $1,200 each	2,400.00		
Two clerks, at $1,000 each	2,000.00		
One messenger boy	600.00		
One messenger boy	450.00		
		13,650.00	
Total			$227,160.00
*Paid from "Salaries, station employees, Weather Bureau"		22,150.00	
**Paid from "Salaries, Division of Accounts and Disbursements"		2,500.00	
			24,650.00
Total amount estimated for statutory salaries, 1909			202,510.00
The increases in 1909 are as follows:			
One clerk of class three (ocean meteorology)			1,600.00
One clerk of class one (Climatological Division)			1,200.00
One clerk, at $1,000 (Accounts Division)			1,000.00
One skilled mechanic, at $1,000 (mechanical work)			1,000.00
One watchman, at $720 (captain of the watch)			720.00

WEATHER BUREAU—Continued.

[Fuel, lights, and repairs, Weather Bureau—$10,000.]

Fuel	$3,480.00	
Gas	312.00	
Hauling ashes, rubbish, etc	116.00	
Rent of fire-alarm boxes	50.00	
Repairs to buildings and care of grounds	6,042.00	
Total estimate of appropriation for 1909		$10,000.00
Amount of above appropriation for fiscal year 1907	$10,000.00	
Amount of above appropration for fiscal year 1908 (no increase)	10,000.00	
Amount estimated for fiscal year 1909 (no increase)	10,000.00	

[Contingent expenses, Weather Bureau—$12,000.]

Stationery, blank books, etc	$1,400.00	
Miscellaneous supplies	5,500.00	
Furniture, carpets, etc	3,000.00	
Freight and express	235.00	
Rent of telephones, etc	550.00	
Apparatus, instruments, laboratory material, etc	200.00	
Forage	200.00	
Purchase of horses (1)	200.00	
Repairs to wagons, harness, etc	400.00	
Advertising	50.00	
Ice	200.00	
Washing towels	65.00	
Total estimate of appropriation for 1909		12,000.00
Amount of above appropriation for fiscal year 1907	$10,000.00	
Amount of above appropriation for fiscal year 1908 (no increase)	10,000.00	
Amount estimated for fiscal year 1909 (increase $2,000)	12,000.00	

The sum of $2,000 additional is estimated for 1909 because the sum now appropriated is insufficient to meet the requirements of the office. This appropriation has remained the same for a number of years, but the large increase in the cost of supplies of all kinds has rendered the amount inadequate.

[Salaries, station employees, Weather Bureau—$617,050.]

(In Washington.)		
Six professors of meteorology, at $3,000 each	$18,000.00	
One Chief, Climatological Division, at $2,750	2,750.00	
One observer	1,400.00	
		$22,150.00
(Out of Washington.)		
Two professors of meteorology, at $3,000 each	6,000.00	
One professor of meteorological physics, at $3,000	3,000.00	
Two inspectors, at $2,500 each	5,000.00	
Six district forecasters, at $2,400 each	14,400.00	
One research director, at $2,000	2,000.00	
Five local forecasters, at $2,000 each	10,000.00	
Three section directors, at $2,000 each	6,000.00	
Five local forecasters, at $1,800 each	9,000.00	
Fourteen section directors, at $1,800 each	25,200.00	
Nine section directors, at $1,600 each	14,400.00	
Twelve local forecasters, at $1,600 each	19,200.00	
Ten section directors, at $1,400 each	14,000.00	
One research observer, at $1,800	1,800.00	
Two research observers, at $1,400 each	2,800.00	
Thirty-five local forecasters, at $1,400 each	49,000.00	
Eighty-seven observers, at $1,200 each	104,400.00	
One skilled mechanic, at $1,200	1,200.00	
Twenty printers, at $1,200 each	24,000.00	
Ninety assistant observers, at $1,000 each	90,000.00	

WEATHER BUREAU—Continued.

Twenty printers, at $1,000 each	$20,000.00	
One operator, at $1,000	1,000.00	
One expert in vessel reporting, at $840	840.00	
Eighty assistant observers, at $840 each	67,200.00	
Forty assistant observers, at $720 each	28,800.00	
Nine repairmen, at $720 each	6,480.00	
One unclassified laborer	600.00	
Two unclassified laborers, at $480 each	960.00	
One unskilled laborer	360.00	
Three messengers, at $720 each	2,160.00	
One repairman, at $600	600.00	
Forty-five messengers, at $600 each	27,000.00	
Sixty messengers, at $480 each	28,800.00	
Ten messengers, at $360 each	3,600.00	
Three station agents, at $300 each	900.00	
Six student assistants, at $300 each	1,800.00	
Miscellaneous employees (temporary and unassigned)	2,400.00	
		$594,900.00

Total estimate of appropriation for 1909		$617,050
Amount of above appropriation for fiscal year 1907	$541,550.00	
Amount of above appropriation for fiscal year 1908 (increase, $10,000)	551,550.00	
Amount estimated for fiscal year 1909 (increase, $65,500)	617,050.00	

The employees on duty in Washington who are paid from the above-named appropriation are assigned to the various divisions and sections as indicated on sheets.

The employees outside of Washington who are paid from the same appropriation are assigned to the 206 stations located throughout the United States, the West Indies, and in the Hawaiian Islands. The number of employees at each station varies from 1 to 14, the number being changed as the exigencies of the service at the various stations may demand. The character of the work performed by them is indicated by their titles, and they are engaged in the prosecution of the various lines of work described under projects.

The sum of $65,500 additional is estimated for 1909 for the following purposes:

For promotion of assistant observers after one year of service, who have an initial compensation of $720 per annum, $3,000.

For promotion of messenger boys, after one year of service, from an initial salary of $360 to $480 per annum, $12,000.

For a reserve force of about fourteen assistant observers who shall receive three to six months' instruction at Washington, D. C., and be available for station assignment to fill vacancies caused by the exigencies of the service, $15,500.

For about twelve additional printers for work in connection with the issuing of weather maps in printed form instead of by the present unsatisfactory duplicating process, $12,000.

For salaries of employees engaged in the evaporation work in connection with the Salton Sea problem, $13,000.

For pay of employees engaged in seismological observations to be made throughout the United States, $10,000.

[General expenses, Weather Bureau—$687,500.]

Stationery		$45,000.00
Miscellaneous supplies, services, etc		105,000.00
Furniture		14,000.00
Fuel		8,000.00
Freight		8,500.00
Express		1,000.00
Telegraphing, telephoning, and cabling circuit reports	$100,000	
Forecasts, warnings, observations, etc	145,000	
		245,000.00

WEATHER BUREAU—Continued.

Rent of telephones	$18,000.00	
Rent of offices, etc	75,000.00	
Gas and electricity	6,000.00	
Traveling, and station and field expenses	26,000.00	
Instruments, apparatus, etc	27,000.00	
Maintenance and repair of telegraph lines	5,000.00	
Buildings—For the completion of the unfinished laboratory building, and the unfinished cottage and office building, at Mount Weather, Va., including all necessary labor, materials, plans, specifications, and other expenses	15,000.00	
Repairs to buildings	7,650.00	
Printing office (in Washington)	18,000.00	
Pay for river and rainfall observations	30,000.00	
Pay for snow and ice observations	150.00	
Pay for climatological and crop observations	15,000.00	
Pay for storm and hurricane displaymen	18,000.00	
Pay for cranberry observations	200.00	
Total estimate of appropriation for 1909		$687,500.00
Amount of above appropriation for fiscal year 1907	$630,000.00	
Amount of above appropriation for fiscal year 1908 (increase, $15,000)	645,000.00	
Amount estimated for fiscal year 1909 (increase, $42,500)	687,500.00	

The sum of $42,500 additional is estimated for 1909 for the following purposes:

An increase of $27,500 to cover the cost of supplies, instruments, and other necessary expenses for the evaporation and seismological investigations described under projects Nos. 14 and 15.

An increase of $15,000 for the completion of the unfinished laboratory building and the unfinished cottage and office building at Mount Weather, Va., including all necessary labor, materials, plans, specifications, and other expenses.

NOTE.—An estimate of appropriation for $50,000 will also be made for the erection of a main observatory at Mount Weather, Va., including all necessary labor, materials, plans, specifications, and other expenses, to replace the main observatory building destroyed by fire October 23, 1907.

Total of all appropriations estimated for the Weather Bureau for the fiscal year 1909	1,529,060.00

BUILDINGS.

No appropriation made for buildings for the fiscal year 1908.

No estimate made for an appropriation for buildings for the fiscal year 1909, but an estimate of $15,000 has been inserted in the appropriation for general expenses for completing the erection of two buildings at Mount Weather, Va.

PROJECTS.

No. 1. Administration (in Washington)—Willis L. Moore, Chief of Bureau, in charge:		
Salaries in Washington	$127,680.00	
Traveling and other field expenses	800.00	
Fuel, lights, repairs, supplies, etc	22,000.00	
		150,480.00
No. 2. The Monthly Weather Review—Cleveland Abbe, professor of meteorology (Washington), editor:		
Salaries	$4,200.00	
Traveling and field expenses	25.00	
Paper, composition, presswork, etc	12,500.00	
		16,725.00

WEATHER BUREAU—Continued.

No. 3. Forecast work—Edward B. Garriott, professor of meteorology (Washington), in charge:		
Salaries	$400,000.00	
Traveling and field expenses	8,500.00	
Miscellaneous supplies and expenses	362,050.00	
		770,550.00
No. 4. River and flood service—Harry A. Frankenfield, professor of meteorology (Washington), in charge:		
Salaries	$70,000.00	
Traveling and field expenses	1,000.00	
Miscellaneous supplies and expenses	35,000.00	
		106,000.00
No. 5. Cranberry marsh investigations—Henry J. Cox, professor of meteorology (Chicago), in charge:		
Salaries	$700.00	
Traveling and field expenses	300.00	
Miscellaneous supplies and expenses	250.00	
		1,250.00
No. 6 Climatological and crop work—James Berry, chief of division (Washington), in charge:		
Salaries	$120,000.00	
Traveling and field expenses	2,400.00	
Miscellaneous supplies and expenses	92,500.00	
		214,900.00
No. 7. Ocean meteorology—Henry L. Heiskell, chief of division (Washington), in charge:		
Salaries	$16,500.00	
Traveling and field expenses	250.00	
Miscellaneous supplies and expenses	300.00	
		17,050.00
No. 8. Research observatory—William J. Humphreys, professor of meteorological physics (Mount Weather, Va.), in charge:		
Salaries	$15,000.00	
Traveling and field expenses	425.00	
Miscellaneous supplies, apparatus, etc	15,000.00	
		30,425.00
No. 9. Instruments—Charles F. Marvin, professor of meteorology (Washington) in charge:		
Salaries	$24,500.00	
Traveling and field expenses	150.00	
Miscellaneous supplies and expenses	15,000.00	
		39,650.00
No. 10. Inspection of stations—Norman B. Conger, inspector (Detroit, Mich.); Henry B. Hersey, inspector (Milwaukee, Wis.):		
Salaries	$5,000.00	
Traveling and field expenses	1,600.00	
		6,600.00
No. 11. Telegraph service—Jesse H. Robinson, chief of division (Washington), in charge:		
Salaries	$18,250.00	
Traveling and field expenses	600.00	
Miscellaneous supplies and expenses	680.00	
		19,530.00

WEATHER BUREAU—Continued.

No. 12. Records—Frank H. Bigelow, professor of meteorology (Washington) in charge:

Salaries	$75,000.00
Traveling and field expenses	400.00
Miscellaneous supplies and expenses	15,000.00
	90,400.00

No. 13. Buildings—Edgar B. Calvert, assistant chief of division of accounts (Washington) in charge:

For the completion of the unfinished physical laboratory building and the unfinished cottage and office building at Mount Weather, Va.... $15,000.00

No. 14. Evaporation Researches—Frank H. Bigelow, professor of meteorology (Washington) in charge:

Salaries	$13,000.00
Traveling and field expenses	2,500.00
Miscellaneous supplies and expenses	9,000.00
	24,500.00

The overflow of the Colorado River through the irrigation of ditches in the Imperial Valley filled the old Salton basin, 285 feet below sea level, to the depth of 80 feet, before it was brought under control by levees and headings.

The Salton Sea now presents a surface of 440 square miles to rapid evaporation in a very dry climate. The rate of recovery of the valuable submerged land is of vital importance. Engineers do not know how to estimate at all accurately the probable rate of evaporation.

The entire subject needs careful study, and the Salton Sea affords a unique opportunity to undertake to solve the evaporation problem, and this solution will be invaluable for future work in the arid and subarid regions of the country, especially in constructing reservoirs for irrigation purposes.

The evaporation and the rainfall are correlative factors in the supply of water for waterways and for farming generally, but meteorologists have heretofore been limited to the collection of rainfall data only, and there is a lack of knowledge regarding the losses by evaporation. It is one of the gaps in practical science greatly needing to be filled.

No. 15. Seismological Investigations—Charles F. Marvin, professor of meteorology (Washington) in charge:

Salaries	$10,000.00
Traveling and field expenses	1,000.00
Miscellaneous supplies and expenses	15,000.00
	26,000.00

Exact knowledge of the character and magnitude of earth motions, known as earthquakes, is of vital importance to architects and the great structural engineers whose business it is to design and erect the enormous structures now so numerous in all our large cities. Any one of these modern buildings often houses a small city full of people, whose safety depends in such a great degree upon the power of the structure to resist the forces that may assail it. Earthquake-proof construction must be required, especially in great structures, even in regions which may seem to be immune, for it may be only a question of time when some readjustment of the earth's strata under long accumulating stresses may occur in seemingly the most stable regions, and an earthquake of greater or less severity be precipitated thereby. The data required by engineers and architects to enable them to properly handle the problems presented to them are, at present, very meager, vague, and indefinite.

Up to the present time no department of the Government has given special attention to the study of seismology, and especially to the establishment of stations or observatories for the registration of earthquake motions. That systematic study of this kind should be taken up by the Government has been the subject of special consideration by a committee of the American Association for the Advancement of Science, and it has also been informally considered by representatives from the Geological Survey, the Coast and Geodetic Survey, the Smithsonian Institution, the Weather Bureau, and the Carnegie Institution. The resolutions resulting from the action of this committee were published in "Science" for May 24, 1907, and, among other

WEATHER BUREAU—Continued.

things, recommends that the Government take up systematic seismic observations It is the opinion of the Geological Survey, the Coast and Geodetic Survey, and the Carnegie Institution that the Weather Bureau, in view of its widely distributed stations manned with trained observers, should be equipped with the necessary instruments and undertake this important line of work at selected stations.

Total appropriations for the Weather Bureau for the fiscal year 1907..	$1,439,240.00
Total appropriations for fiscal year 1908 (decrease of $25,700).....	1,413,540.00
Total estimate of appropriations for 1909 (increase of $115,520).....	1,529,060.00

BUREAU OF ANIMAL INDUSTRY.

[Salaries, Bureau of Animal Industry—$84,210.]

One chief of bureau	$5,000.00	
One chief clerk (increase of $250 submitted)	2,250.00	
One editor and compiler (increase of $100 submitted and title changed)	2,100.00	
One clerk	2,000.00	
Three clerks, class 4	5,400.00	
Five clerks, class 3	8,000.00	
Thirteen clerks, class 2	18,200.00	
Thirteen clerks, class 1	15,600.00	
Eight clerks, at $1,000 each	8,000.00	
Three clerks, at $900 each (increase of 1 submitted)	2,700.00	
Two clerks, at $840 each	1,680.00	
Three clerks, at $720 each	2,160.00	
NOTE.—Two clerks, at $600 each, dropped.		
One mechanic	1,200.00	
One messenger and custodian	1,000.00	
One carpenter	1,100.00	
One messenger	840.00	
Three messengers, at $720 each (decrease of 1 submitted)	2,160.00	
One skilled laborer	840.00	
One skilled laborer (decrease of 1 submitted)	720.00	
Two skilled laborers, at $600 each	1,200.00	
One skilled laborer	660.00	
NOTE.—Two skilled laborers at $480 each and 1 fireman at $720 dropped.		
One illustrator	1,400.00	
Total amount estimated		$84,210.

NOTE.—The salary of the chief clerk has been increased from $2,000 to $2,250, one editor from $2,000 to $2,100, and the words "and compiler" have been added to the title of the latter. One clerk at $2,000 and one clerk at $900 have been added, and two clerks at $600, one messenger at $720, one skilled laborer at $720, two skilled laborers at $480 each, and one fireman at $720 have been dropped. Net decrease, $1,070.

Amount of above appropriation for fiscal year 1907	$84,780.00
Amount of above appropriation for fiscal year 1908 (increase of $500)	85,280.00
Amount estimated for fiscal year 1909 (decrease of $1,070)..	84,210.00

The above force will perform the following duties:

Administration:

1 chief of bureau	$5,000.00
1 chief clerk	2,250.00
1 clerk	2,000.00
3 clerks, class 4	5,400.00
2 clerks, class 3	3,200.00
8 clerks, class 2	11,200.00
6 clerks, class 1	7,200.00
3 clerks, at $1,000 each	3,000.00
1 clerk	900.00
1 clerk	840.00
1 mechanic	1,200.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Administration—Continued.			
1 messenger and custodian	$1,000.00		
1 carpenter	1,100.00		
1 messenger	840.00		
1 messenger	720.00		
1 skilled laborer	840.00		
		$46,690.00	
Inspection division:			
2 clerks, class 1	$2,400.00		
1 clerk	1,000.00		
		3,400.00	
Dairy division:			
1 clerk, class 3	$1,600.00		
1 clerk, class 2	1,400.00		
2 clerks, class 1	2,400.00		
2 clerks, at $1,000 each	2,000.00		
2 clerks, at $720 each	1,440.00		
		8,840.00	
Quarantine division:			
1 clerk, class 1		1,200.00	
Biochemic Division:			
1 clerk, class 1	$1,200.00		
1 clerk	900.00		
1 messenger	720.00		
		2,820.00	
Pathological division:			
1 clerk, class 2	$1,400.00		
1 clerk	1,000.00		
1 clerk	840.00		
1 clerk	720.00		
1 skilled laborer	720.00		
2 skilled laborers, at $600 each	1,200.00		
1 skilled laborer	660.00		
1 illustrator	1,400.00		
		7,940.00	
Zoological division:			
1 clerk, class 2	$1,400.00		
1 clerk	1,000.00		
1 messenger	720.00		
		3,120.00	
Animal Husbandry division:			
1 clerk, class 2	$1,400.00		
1 clerk, class 1	1,200.00		
1 clerk	900.00		
		3,500.00	
Editorial office:			
1 editor and compiler	$2,100.00		
2 clerks, class 3	3,200.00		
1 clerk, class 2	1,400.00		
		6,700.00	
Total			$84,210.00

[General expenses, Bureau of Animal Industry, 1909—$997,200.]

Salaries:		
In Washington	$124,700.00	
Out of Washington	500,000.00	
Traveling expenses	242,200.00	
Stationery	6,000.00	
Furniture	10,000.00	
Rent	6,000.00	
Miscellaneous expenses, including fuel, freight, express, telegraph, telephone, lights, experimental animals, experimental dairy products, forage, lumber, livery service, laboratory apparatus, etc	108,300.00	
Total estimate of appropriation for 1909		$997,200.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Amount of above appropriation for fiscal year 1907	$862,200.00
Amount of above appropriation for fiscal year 1908 (increase of $85,000)	947,200.00
Amount estimated for fiscal year 1909 (increase of $50,000)	997,200.00

PROJECTS.

Eradication of scabies in sheep:		
Salaries	$220,000.00	
Travel	123,000.00	
Miscellaneous	7,000.00	
		350,000.00
Eradication of scabies in cattle:		
Salaries	$66,000.00	
Travel	27,000.00	
Miscellaneous	2,000.00	
		95,000.00
Inspection of southern cattle:		
Salaries	$45,000.00	
Travel	15,000.00	
Miscellaneous	5,000.00	
		65,000.00
Supervision of transportation of live stock and inspection of vessels:		
Salaries	$34,300.00	
Travel	500.00	
Miscellaneous	200.00	
		35,000.00
Inspection and quarantine of imported animals:		
Salaries	$23,000.00	
Travel	3,500.00	
Miscellaneous	3,500.00	
		30,000.00
Inspection work relative to existence of contagious diseases, and tuberculin and mallein testing of animals:		
Salaries	$10,000.00	
Travel	8,000.00	
Miscellaneous	2,000.00	
		20,000.00
Investigations and experiments in dairy industry:		
Salaries	$63,000.00	
Travel	18,000.00	
Miscellaneous	10,000.00	
		91,000.00
Cooperative investigations of the dairy industry in the Southern States:		
Salaries	$17,000.00	
Travel	10,000.00	
Miscellaneous	1,000.00	
		28,000.00
Inspection of renovated butter factories and markets:		
Salaries	$8,500.00	
Travel	6,500.00	
Miscellaneous	1,000.00	
		16,000.00
Investigations and experiments in animal husbandry:		
Salaries	$20,000.00	
Travel	13,000.00	
Miscellaneous	2,000.00	
		35,000.00
Cooperative experiments in animal breeding and feeding:		
Salaries	$14,100.00	
Travel	2,300.00	
Miscellaneous	33,600.00	
		50,000.00

BUREAU OF ANIMAL INDUSTRY—Continued.

Scientific investigations in diseases of animals:		
Salaries	$70,000.00	
Travel	2,000.00	
Miscellaneous	38,000.00	
		$110,000.00
Cooperative experiments and investigations in diseases of domestic animals in the State of Minnesota:		
Salaries	$1,800.00	
Travel	200.00	
Miscellaneous	1,000.00	
		3,000.00
General administrative work:		
Salaries	$20,000.00	
Travel	1,200.00	
Miscellaneous	23,000.00	
		44,200.00
Investigations relating to conditions affecting the wholesomeness of milk:		
Salaries	$12,000.00	
Travel	12,000.00	
Miscellaneous	1,000.00	
		25,000.00

The prevalence of tuberculosis among dairy cattle, and improper and careless methods in producing and handling milk, have a direct bearing upon the public health and are of such importance that a thorough investigation should be made of the conditions surrounding the production, handling, and transportation of milk.

[Meat inspection, Bureau of Animal Industry, 1909—$3,000,000.]

Salaries:		
In Washington	$100,000.00	
Out of Washington	2,700,000.00	
Traveling expenses	50,000.00	
Stationery	10,000.00	
Furniture	10,000.00	
Rent	20,000.00	
Meat-inspection stamps, certificates, tags, hog rings, seals, disks, sealing presses, brands	40,000.00	
Miscellaneous supplies and services, including freight, express, telegraph, telephone, gas and electricity, livery, laboratory apparatus, etc	70,000.00	
Total estimate of appropriation for 1909		$3,000,000.00
Amount of above appropriation for fiscal year 1907 (permanent appropriation)	$3,000,000.00	
Amount of above appropriation for fiscal year 1908 (permanent appropriation)	3,000,000.00	
Amount estimated for fiscal year 1909 (permanent appropriation)	3,000,000.00	

[Eradicating cattle ticks, Bureau of Animal Industry, 1909—$150,000.]

Salaries	$100,000.00	
Traveling expenses	38,000.00	
Miscellaneous supplies and services, including stationery, furniture, freight, telegraph, telephone, rent, apparatus, livery, etc	12,000.00	
	150,000.00	
Amount of above appropriation for fiscal year 1907, including $14,188.10 of immediately available appropriation expended prior to June 30, 1907	96,688.10	
Amount of above appropriation for fiscal year 1908, including balance of $10,811.90 on June 30, 1907, of immediately available appropriation (increase of $39,123.80).	135,811.90	

BUREAU OF ANIMAL INDUSTRY—Continued.

Amount estimated for fiscal year 1909 (increase of $14,188.10)	$150,000.00	
Total amount estimated for all appropriations for Bureau of Animal Industry for the fiscal year 1909		$4,231,410.00
Total appropriations for the Bureau of Animal Industry for the fiscal year 1907, $4,054,480 (less $10,811.90 available in fiscal year 1908)		4,043,668.10
Total appropriations for the fiscal year 1908, $4,182,480 (less $14,188.10 expended in fiscal year 1907) (increase of $124,623.80)		4,168,291.90
Total estimate of appropriations for fiscal year 1909 (increase of $63,118.10)		4,231,410.00

BUREAU OF PLANT INDUSTRY.

[Salaries, Bureau of Plant Industry—$187,410.]

One plant physiologist and pathologist, who shall be Chief of Bureau	$5,000.00
One chief clerk	2,250.00
One editor	2,000.00
One officer in charge of records	2,000.00
One superintendent of gardens and grounds	1,800.00
Four clerks, class 4	7,200.00
Eight clerks, class 3	12,800.00
Thirteen clerks, class 2	18,200.00
Twenty-nine clerks, class 1	34,800.00
One seed clerk and superintendent	1,200.00
One clerk or artist	1,200.00
One clerk or artist (change of title submitted)	840.00
One clerk	1,080.00
Sixteen clerks, at $1,000 each	16,000.00
Six clerks, at $900 each	5,400.00
Twelve clerks, at $840 each	10,080.00
One clerk	800.00
Twelve clerks, at $720 each	8,640.00
Four clerks, at $660 each	2,640.00
Four clerks, at $600 each	2,400.00
NOTE.—One clerk or messenger, at $480, dropped.	
One photographer or clerk	900.00
One assistant photographer	600.00
One illustrator or clerk	900.00
One carpenter	900.00
One carpenter	840.00
Two gardeners or assistants, at $1,000 each	2,000.00
Six gardeners, at $900 each	5,400.00
Two gardeners, at $840 each	1,680.00
Four gardeners at $780 each	3,120.00
Five gardeners, at $720 each (increase of 3 submitted in lieu of 3 firemen, at $720 each, dropped)	3,600.00
Three gardeners, at $660 each	1,980.00
One gardener	600.00
One painter	840.00
Two plumbers, at $840 each	1,680.00
NOTE.—Three firemen, at $720 each, dropped.	
Two clerks or messengers, at $840 each	1,680.00
One skilled laborer	900.00
Nine skilled laborers, at $720 each (increase of 1, submitted in lieu of 1 watchman, at $720, dropped)	6,480.00
Three skilled laborers, at $660 each	1,980.00
Eight skilled laborers, at $600 each (increase of 1, submitted in lieu of 1 watchman, at $600, dropped)	4,800.00
Three skilled laborers, at $540 each	1,620.00
One messenger	660.00
Three messengers, at $600 each	1,800.00

NOTE.—Three watchmen, at $720 each, and 2 watchmen, at $600 each, dropped.

BUREAU OF PLANT INDUSTRY—Continued.

Ten skilled laborers, messengers, or messenger boys, at $480 each (increase of 1, submitted in lieu of 1 clerk or messenger, at $480, dropped)	$4,800.00	
Two messenger boys, at $360 each	720.00	
Two messenger boys, at $300 each	600.00	
Total amount estimated		$187,410.00

NOTE.—The title of 1 artist has been changed to 1 artist or clerk. Three gardeners, at $720 each; 1 skilled laborer, at $720; 1 skilled laborer, at $600; and 1 skilled laborer, messenger, or messenger boy, at $480, have been added. One clerk or messenger, at $480; 3 firemen, at $720 each; 3 watchmen, at $720 each, and 2 watchmen, at $600 each, have been dropped. Net decrease, $2,040.

Amount of above appropriation for fiscal year 1907	$163,060.00
Amount of above appropriation for fiscal year 1908 (increase of $26,390)	189,450.00
Amount estimated for fiscal year 1909 (decrease of $2,040)	187,410.00

[General expenses, Bureau of Plant Industry, 1909—$666,266.]

Salaries:			
In Washington	$275,000		
Out of Washington	150,000		
		$425,000.00	
Traveling and station and field expenses		141,966.00	
Miscellaneous supplies		50,000.00	
Stationery		7,500.00	
Furniture		6,000.00	
Apparatus, instruments, and laboratory material		25,000.00	
Rent		3,500.00	
Gas and electricity		2,000.00	
Express		2,500.00	
Freight		1,000.00	
Fuel		500.00	
Telegraph		800.00	
Telephone		500.00	
Total			$666,266.00
Amount of above appropriation for fiscal year 1907		$495,260.00	
Amount of above appropriation for fiscal year 1908 (increase of $89,520)		584,780.00	
Amount estimated for fiscal year 1909 (increase of $81,486)		666,266.00	

[Grain investigations, 1909—$65,000.]

Salaries:			
In Washington	$8,000		
Out of Washington	35,500		
		$43,500.00	
Traveling and station and field expenses		10,500.00	
Miscellaneous supplies		2,000.00	
Stationery		500.00	
Furniture		1,000.00	
Apparatus, instruments, and laboratory material		5,000.00	
Rent		2,000.00	
Gas and electricity		300.00	
Express		100.00	
Freight		50.00	
Telegraph and telephone		50.00	
Total			$65,000.00
Amount of above appropriation for fiscal year 1907		$15,000	
Amount of above appropriation for fiscal year 1908 (increase of $25,000)		40,000	
Amount estimated for fiscal year 1909 (increase of $25,000)		65,000	

BUREAU OF PLANT INDUSTRY—Continued.

[Purchase and distribution of valuable seeds, 1909—$249,000.]

Salaries:			
In Washington	$55,000.00		
Out of Washington	15,660.00		
		$70,000.00	
Traveling and station and field expenses		20,000.00	
Miscellaneous supplies		144,325.00	
Stationery		2,000.00	
Furniture		1,500.00	
Apparatus, instruments, and laboratory material		1,500.00	
Rent		4,000.00	
Gas and electricity		300.00	
Express		1,500.00	
Freight		3,500.00	
Telegraph		300.00	
Telephone		75.00	
Total			$249,000.00
Amount of above appropriation for fiscal year 1907		$242,920.00	
Amount of above appropriation for fiscal year 1908 (decrease of $4,920)		238,000.00	
Amount estimated for fiscal year 1909 (increase of $11,000)		249,000.00	

[Cotton-boll weevil investigations, 1909—$150,000.]

Salaries:			
In Washington	$25,000.00		
Out of Washington	85,000.00		
		$110,000.00	
Traveling and station and field expenses		26,000.00	
Miscellaneous supplies		10,000.00	
Stationery		1,000.00	
Furniture		500.00	
Apparatus, instruments, and laboratory material		1,000.00	
Rent		800.00	
Gas and electricity		50.00	
Express		300.00	
Freight		125.00	
Fuel		75.00	
Telegraph and telephone		150.00	
Total			$150,000.0
Amount of above appropriation for fiscal year 1907	$105,000.00 / 4,367.58	$109,367.58	
Amount of above appropriation for fiscal year 1908	$110,000.00 / 35,632.42 (increase of $36,264.84)	145,632.42	
Amount estimated for fiscal year 1909		150,000.00	

OFFICES, LABORATORIES, AND PROJECTS.

1. Office of Chief of Bureau.

[B. T. Galloway, Chief of Bureau.]

Salaries, statutory		$38,000.00
Salaries, lump fund		5,100.00
Stationery, furniture, supplies, etc		3,322.00
Miscellaneous expenses—freight, express, fuel, gas, telephone, etc		200.00
Rent		3,500.00
Traveling expenses		1,000.00
Reserve funds—to meet emergencies in various lines of work		17,820.00
Total		68,942.00

BUREAU OF PLANT INDUSTRY—Continued.

1. Office of Chief of Bureau—Continued.

PROJECTS.

(1) Administrative correspondence	$5,365.00
(2) General Bureau administration	15,585.00
(Decrease of $12,406, as follows: Rented buildings to be vacated, $8,520; 3 watchmen dropped, $2,040; 1 clerk transferred, $900; gas and electricity, $946.)	
(3) Appointments, pay rolls, and leaves of absence	3,287.00
(4) Auditing and accounting (office of records)	12,040.00
(5) Files and mail	4,045.00
(6) Editing and proof-reading (editorial office)	3,560.00
(7) Executive and supervisory work, Congressional seed distribution	7,240.00
(Decrease of $3,168, on account of transfer to another fund—cost of fuel.)	
Reserve funds	17,820.00
(Amount held in reserve for fiscal year 1908, $17,820.)	

2. Office of Assistant Chief of Bureau.

[Albert F. Woods, Assistant Chief of Bureau.]

Salaries, statutory	$20,000.00
Salaries, lump fund	11,000.00
Stationery, furniture, supplies, etc	2,934.00
Miscellaneous expenses—freight, express, telephone, etc	200.00
Traveling expenses	500.00
Total	34,634.00

PROJECTS.

(1) General administrative work	$18,514.00
(2) Supplies and property	5,700.00
(3) Library, translating, and abstracting work	6,500.00
(4) Care of pathological and physiological laboratories	3,920.00

3. Laboratory of plant pathology.

[Erwin F. Smith, pathologist in charge.]

Salaries, statutory	$2,880.00
Salaries, lump fund	16,500.00
Stationery, furniture, supplies, etc	5,000.00
Miscellaneous expenses—freight, express, telephone, etc	1,500.00
Traveling expenses	2,057.00
Total	27,937.00

PROJECTS.

(1) Central laboratory of plant pathology	$21,117.00
(Increase of $5,000 to be used, if granted, for the employment of a physiological chemist to assist in the laboratory investigations and also to secure additional scientific assistants and laboratory equipment needed for the effective prosecution of the work of the laboratory.)	
(2) Investigations of rice blast and other diseases of rice	800.00
(3) Pathological collections	4,361.00
(4) Laboratory investigations of diseases of various plants	1,659.00

BUREAU OF PLANT INDUSTRY—Continued.

4. Investigations of diseases of cotton, truck crops, etc.

[W. A. Orton, pathologist in charge.]

Salaries, statutory	$1,000.00
Salaries, lump fund	7,000.00
Stationery, furniture, supplies, etc	2,000.00
Miscellaneous expenses—freight, express, telephone, etc	100.00
Traveling and station and field expenses	2,712.00
Total	12,812.00

PROJECTS.

(A) Cotton disease investigations.

(1) Investigation of cotton wilt, anthracnose, bacterial blight, rust, shedding, etc	$4,000.00
(2) Cotton root-rot investigations	1,500.00

(B) Investigations of truck crop diseases.

(3) Investigation of disease resistance in potatoes (Increase of $500 for the further development of the work.)	$1,300.00
(4) Breeding watermelons for wilt resistance (Increase of $500 for the normal growth of the work and the distribution of seed of resistant watermelons.)	1,300.00
(5) Investigations of miscellaneous diseases of truck crops (Increase of $500 for the development of the work and the taking up of new problems which need attention.)	1,300.00

(C) Miscellaneous pathological investigations.

(6) Plant disease survey (Increase of $500 for the normal growth and elaboration of the work.)	$1,700.00
(7) Investigations of disease resistance in cowpeas and study of cowpea diseases	432.00
(8) Investigations of the root rot of tobacco (Increase of $500 for the normal growth of the work.)	950.00
(9) Studies of various plant diseases	330.00

5. Investigations of diseases of fruits.

[M. B. Waite, pathologist in charge.]

Salaries, statutory	$1,000.00
Salaries, lump fund	20,000.00
Stationery, furniture, supplies, etc	1,500.00
Miscellaneous expenses—freight, express, telephone, etc	100.00
Traveling and station and field expenses	8,210.00
Total	30,810.00

PROJECTS.

(1) Eradication of pear blight (Increase of $2,200 to secure additional assistance in the extension of the pear-blight eradication to other western States, notably Idaho, Utah, and Colorado.)	$8,500.00
(2) Demonstration work in the control of apple diseases by spraying (Increase of $1,000 to meet the demand for further extensions of this work. These investigations should be continued and extended in order to demonstrate practical methods of controlling the various apple diseases prevalent in different orchard sections.)	5,000.00

BUREAU OF PLANT INDUSTRY—Continued.

5. Investigations of diseases of fruits—Continued.

(3) Investigations of diseases of small fruits—grapes, cranberries, etc	$6,600.00
(4) Investigations of diseases of the peach and plum	5,500.00
(Increase of $500 for the further extension of the work on peach and plum rot.)	
(5) Investigations of miscellaneous diseases of fruits and fruit trees	5,210.00
(Increase of $1,300 for the further development of the work on pollination of fruits and chlorosis.)	

6. Laboratory of forest pathology (Washington, D. C.).

[Haven Metcalf, pathologist in charge.]

Salaries, statutory	$1,200.00
Salaries, lump fund	7,500.00
Stationery, furniture, supplies, etc	1,000.00
Miscellaneous expenses—freight, express, telephone, etc	500.00
Traveling and station and field expenses	2,885.00
Total	13,085.00

PROJECTS.

(1) Investigation of the crown-gall disease of forest and fruit trees	$1,500.00
(2) Investigation of the blue stain of coniferous and other woods (Doctor Metcalf)	500.00
(Decrease of $425, as the work is approaching completion.)	
(3) Study of diseases of coniferous trees (Dr. Metcalf)	2,500.00
(Increase of $620 for the extension of this work on the national forests in cooperation with the Forest Service.)	
(4) Investigation of diseases of oaks and other hard woods (Doctor Metcalf)	1,500.00
(5) Study of miscellaneous diseases of forest trees (Doctor Metcalf)	3,000.00
(6) Investigation of diseases of ornamental and shade trees and shrubs (Doctor Metcalf)	2,685.00
(Increase of $1,700 for the elaboration of this line of work, which promises valuable results.)	
(7) Study of the occurrence and prevalence of diseases of trees (Doctor Metcalf)	1,400.00
(Increase of $605 for the normal growth of the work.)	

7. Plant life history investigations.

[Walter T. Swingle, physiologist in charge.]

Salaries, statutory	$3,000.00
Salaries, lump fund	15,000.00
Stationery, furniture, supplies, etc	4,500.00
Miscellaneous expenses—freight, express, telephone, etc	1,000.00
Traveling and station and field expenses	3,088.00
Total	26,588.00

BUREAU OF PLANT INDUSTRY—Continued.

7. Plant life history investigations—Continued.

PROJECTS.

(1) Establishment of date culture and study of the life history of the date palm	$4,300.00
(Increase of $1,000, for the inauguration of experiments in date breeding and in starting offshoots from old date palms, and for the improvement of methods of propagation.)	
(2) Arboricultural investigations	9,000.00
(Increase of $3,000, for extending the cooperative work on the Indian reservations by the establishment of experimental farms on three more reservations in the Southwest.)	
(3) Clover and alfalfa investigations	5,500.00
(4) Breeding new citrus fruits and pineapples	3,000.00
(Increase of $1,000 for continuing the work on the development of citranges, or hardy substitutes for lemons and limes.)	
(5) Caprification of the fig and study of the life history of figs and caprifigs	1,300.00
(6) Establishment of pistache culture and study of the life history of the pistache nut and its wild relatives	900.00
(7) Miscellaneous life history investigations	2,588.00

8. Cotton-breeding investigations.

[A. D. Shamel and D. N. Shoemaker, officers in charge.]

Salaries, statutory	$400.00
Salaries, lump fund	11,468.00
Stationery, furniture, supplies, etc	1,600.00
Miscellaneous expenses, freight, express, telephone, etc	492.00
Traveling and station and field expenses	6,500.00
Total	20,460.00

PROJECTS.

(1) Cotton-breeding laboratory	2,170.00
(2) Breeding cottons adapted to northern Texas	1,650.00
(3) Breeding cottons adapted to Louisiana and Mississippi	2,580.00
(4) Breeding cottons adapted to southern Texas	2,080.00
(5) Study of methods of ginning and marketing cotton	2,500.00
(6) Breeding cotton adapted to South Carolina	2,950.00
(7) Testing the value of seed separation and fertilizers in cotton culture	870.00
(8) Breeding cottons adapted to Tennessee and Arkansas	2,310.00
(9) Breeding cotton for greater oil content	850.00
(10) Cooperative cotton breeding investigations	2,500.00

9. Tobacco investigations.

[A. D. Shamel, physiologist in charge.]

Salaries, statutory	$400.00
Salaries, lump fund	28,000.00
Stationery, furniture, supplies, etc	4,500.00
Miscellaneous expenses—freight, express, telephone, etc	1,000.00
Traveling and station and field expenses	8,323.00
Total	42,223.00

PROJECTS.

(1) Laboratory investigations in connection with field-work on tobacco	$5,000.00
(Increase of $1,000 for the normal growth of the laboratory work.)	
(2) Tobacco investigations in the Connecticut valley	6,023.00

BUREAU OF PLANT INDUSTRY—Continued.

9. Tobacco investigations—Continued.

Tobacco investigations in Florida..... $6,500.00
(Increase of $1,000 for the extension of the work.)

Tobacco investigations in Maryland..... 1,500.00
(Increase of $500 for necessary assistance in this work.)

Tobacco investigations in Kentucky..... 3,700.00
(Increase of $500 for the development of the work.)

Tobacco investigations in Texas—W. M. Hinson and Otto Olson, experts:

The work in Texas was inaugurated by the Bureau of Soils about five years ago, having for its object the introduction of the culture of cigar-filler tobacco, by growing the product from imported Cuban seed. This part of the industry is now fairly well established, but the question of improving this filler tobacco by selection and breeding needs attention, because the yield is low and the quality uneven. The indications are that marked improvements can be easily obtained by the methods followed in Florida, and after the completion of the present year's work it is planned to reorganize the Texas investigations along the practical lines of breeding and selection, and the improvement of farm practice..... 6,000.00

(Amount allotted for fiscal year 1908, $5,000.)

Results: Improved strains of Cuban tobacco from Texas-grown seed has been found to produce about double the yield of crops grown from imported seed. The past season sufficient seed of these improved strains has been saved under bag to furnish all seed needed for planting the coming season.

The methods of fertilization best adapted to the production of the greatest yield of high quality of filler tobacco are being studied and experiments have been laid out for the coming season to determine the best combination of fertilizers and methods of culture to raise profitable crops.

(Increase of $1,000 for the extension of the work in Texas.)

Tobacco investigations in Virginia—E. H. Mathewson and W. W. Green, experts:

This work was begun by the Bureau of Soils in 1904, having for its object the improvement of dark and fire-cured tobaccos in the Appomattox region by better methods of crop rotation and farm practic . The Virginia Experiment Station cooperates in the conduct of the work, furnishing two assistants. The work is handled from the general standpoint of improving farm practice as a whole, rather than from the strict tobacco viewpoint. In addition to this work, experiments are to be inaugurated in the improvement of the tobaccos by selection and hybridization..... 5,000.00

(Amount allotted for fiscal year 1908, $4,000.)

Results: Very important results have been secured and the demonstrations are attracting wide attention. It has been shown that it is necessary to rotate the tobacco crop with other general farm crops, and that profitable yields of grass, wheat, and other crops can be secured in the tobacco fields, and the soil improved for the growing of tobacco. The results of experiments demonstrate that the use of much more intensive methods of culture are

BUREAU OF PLANT INDUSTRY—Continued.

9. Tobacco investigations—Continued.

(7) Tobacco investigations in Virginia—Continued.
desirable. An increased and more intelligent use of fertilizers on limited areas will produce more profitable results than the present more extensive system of farm practice. Improved strains of Virginia tobaccos are being produced by seed selection and breeding.
(Increase of $1,000 for the continuance and normal growth of the work.)

(8) Tobacco investigations in Alabama—W. M. Hinson and W. B. Schrader, experts:
The work in Alabama is also a continuation of the investigations inaugurated in that State by the Bureau of Soils. At present about 225 acres of Cuban tobacco are being grown experimentally by farmers; and two experiments are being conducted in the production of shade Sumatra tobacco. The demand for the continuance and extension of this work in Alabama is very strong, and it should be continued at least for another season. The problems are very complicated and need to be taken up from the standpoint of the general cropping system and the adaptation and improvement of special types of tobacco to meet the particular requirements in the State. The situation in Alabama needs to be worked out slowly and with careful consideration of all of the problems involved, as an undue stimulation of the industry would be unwise..... $3,500.00
(Amount allotted for fiscal year 1908, $3,500.)
Results: Selections of seed of the best plants from the filler standpoint have been made, and will be distributed to the growers for next season's planting. The market for this tobacco has not been established as yet, and it is necessary to assist the growers in finding a market for their crops. Methods of fertilizing the soil, and curing and fermenting the tobacco are being investigated.

(9) Tobacco investigations in Ohio—Mr. Shamel, in cooperation with A. D. Selby, collaborator (botanist of the Ohio Experiment Station):
These investigations are conducted in cooperation with the Ohio Experiment Station, having for their object the improvement of the native tobaccos by hybridization and selection. The work taken over from the Bureau of Soils consists in the improvement of the methods of fermentation of the native tobaccos so as to reduce the amount of dry rot resulting from the old methods..... 2,000.00
(Amount allotted for fiscal year 1908, $2,000.)
Results: Good progress has already been made in the hybridization and selection work, which was only started a year or so ago. A large number of new types, hybrids, and improved strains of tobacco have been tested, some of which have been found to possess special merit for cigar filler production, giving a high yield per acre and possessing a desirable flavor and aroma. Several wrapper types also show merit and value for commercial propagation. The work of the Bureau of Soils in Ohio has been productive of very satisfactory results. The introduction of the bulk fermentation method has reduced the amount of rot considerably, but a further study of the question by a pathologist is necessary. The work on bulk fermentation was

BUREAU OF PLANT INDUSTRY—Continued.

9. Tobacco investigations—Continued.

(9) Tobacco investigations in Ohio—Continued.
started by the Bureau of Soils in 1902, and in 1903–4 that Bureau also planted test crops of tobacco, the product being fermented and packed by its experts and samples sent to the trade. The improved methods of saving and separating seed have been introduced and are now in general use by tobacco growers.

(10) Tobacco investigations in New York—G. W. Harris, expert:
The work in New York, like that in Virginia, Alabama, and Texas, is a continuation of experiments started by the Bureau of Soils. These are located in Onondaga County, where the tobacco grown is the same as that grown in the Connecticut Valley. The New York product, however, has deteriorated during recent years in quality and price, owing either to the fact that the crop is not planted on the right kind of soil for the production of good wrapper, or to a lack of knowledge in the application of fertilizers and the general handling of the crop. The object of the experiments is to determine the cause of the difficulty and to correct it.. $2,000.00
(Amount allotted for fiscal year 1908, $2,000.)
Results: The work so far has shown that there is much room for improvement both in cultural methods and in the types of tobacco grown. It is believed that the improved Connecticut strains will also do well in New York, and a considerable quantity of improved seed grown in experimental plots has been saved for distribution to the growers the coming season. The introduction of the bulk methods of fermentation is being successfully carried on.

(11) Tobacco investigations in California—J. B. Stewart, expert:
The work in California has so far consisted merely in a preliminary experiment to demonstrate, either positively or negatively, whether good cigar-filler tobacco can be profitably produced in that State. On account of the dry climate the problem is a complicated one. The State of California has appropriated $1,000 for augmenting the work, to be expended under the direction of the Department. Only a small acreage has been planted and the work so far is strictly preliminary. The fermentation of this year's experimental crop will be supervised by one of the Department's experts... 1,000.00
(Amount allotted for fiscal year 1908, $1,000.)
Results: Owing to the preliminary nature of the work a definite statement or prediction of results is not practicable at the present time.

10. Corn investigations.

[C. P. Hartley, physiologist in charge.]

Salaries, statutory	$1,140.00
Salaries, lump fund	6,500.00
Stationery, furniture, supplies, etc	1,000.00
Miscellaneous expenses—freight, express, telephone, etc..	300.00
Traveling and station and field expenses	4,151.00
Total	13,091.00

BUREAU OF PLANT INDUSTRY—Continued.

10. Corn investigations—Continued.

PROJECTS.

(1) Production of improved strains of corn by breeding and selection—Mr. Hartley	$7,000.00
(2) Encouragement of seed selection and preservation and improved methods of corn culture—Mr. Hartley	1,500.00
(3) Investigation of the effects of heredity and environment of corn—Mr. Hartley	1,500.00
(4) Sweet-corn investigations—Mr. Hartley	3,091.00

11. Alkali and drought-resistant plant-breeding investigations.

[T. H. Kearney, physiologist in charge.]

Salaries, statutory	$420.00
Salaries, lump fund	6,500.00
Stationery, furniture, supplies, etc	1,557.00
Miscellaneous expenses—freight, express, telephones, etc	300.00
Traveling and station and field expenses	4,500.00
Total	13,277.00

PROJECTS.

(1) Ascertaining the alkali resistance of crop plants and investigating the physiology of resistance to alkali (Increase of $250 for the normal growth of the work.)	$2,500.00
(2) Breeding strains of various field crops which will be resistant to alkali (Increase of $725 for the extension and development of the work.)	5,350.00
(3) Breeding drought-resistant field crops (Increase of $1,220 for an elaboration of this project, which promises valuable results.)	2,927.00
(4) Breeding cottons for the arid Southwest	1,500.00
(5) Ascertaining value of native growth as a soil indicator (Increase of $625 for the continuance and elaboration of this work.)	1,000.00

12. Miscellaneous plant breeding and relative work.

[Conducted by various investigators.]

Salaries, statutory	$400.00
Salaries, lump fund	4,500.00
Stationery, furniture, supplies, etc	800.00
Miscellaneous expenses—freight, express, telephone, etc	330.00
Traveling and station and field expenses	3,500.00
Total	9,530.00

PROJECTS.

(1) Breeding rust-resistant asparagus (Increase of $2,500 for the elaboration and extention of the work.)	$4,000.00
(2) Improvement of potatoes through tuber selections and production of new varieties from seed	500.00
(3) The introduction and improvement of vetches for use as cover crops for tobacco fields (Increase of $2,500 for the extension of this promising line of work.)	3,130.00
(4) Improvement of various plants by hybridization	700.00
(5) Testing fine-ground fieldspar as a potash fertilizer	1,200.00

BUREAU OF PLANT INDUSTRY—Continued.

13. Soil bacteriology and water purification investigations.

[Karl F. Kellerman, physiologist in charge.]

Salaries, statutory	$1,200.00
Salaries, lump fund	12,000.00
Stationery, furniture, supplies, etc	1,800.00
Miscellaneous expenses—freight, express, telephone, etc..	200.00
Traveling and station and field expenses	5,650.00
Total	20,850.00

PROJECTS.

(1) Soil bacteriology investigations (Increase of $5,000, for more extensive field work in different parts of the United States.)	11,000.00
(2) Experiments with legume bacteria	6,300.00
(3) Water purification investigations	3,550.00

14. Bionomic investigations of tropical and subtropical plants.

[O. F. Cook, bionomist in charge.]

Salaries, statutory	$1,400.00
Salaries, lump fund	14,000.00
Stationery, furniture, supplies, etc	1,375.00
Miscellaneous expenses—freight, express, telephone, etc..	200.00
Traveling and station and field expenses	3,500.00
Total	20,475.00

PROJECTS.

(1) Weevil-resistant cotton investigations	10,500.00
(2) Corn-extension investigations	5,300.00
(3) Study of the physiology of reproduction	1,200.00
(4) Production of rubber and rubber substitutes in the United States	1,200.00
(5) Bionomic studies of various tropical and subtropical plants	2,275.00

15. Drug plant, poisonous plant, and tea-culture investigations.

[Rodney H. True, physiologist in charge.]

Salaries, statutory	$5,320.00
Salaries, lump fund	27,000.00
Stationery, furniture, supplies, etc	10,000.00
Miscellaneous expenses—freight, express, telephone, etc..	896.00
Traveling and station and field expenses	10,000.00
Total	53,216.00

(A) Drug-plant investigations.

(1) Establishment of the camphor industry—Doctor True.	3,800.00
(2) American hop investigations—W. W. Stockberger, expert	4,000.00
(3) Study of the methods and means of making and using industrial alcohol on the farm—Doctor True (Increase of $5,000 is desired for the extension of this year's preliminary work.)	4,500.00
(4) Production of morphine and other alkaloids from poppy capsules—Doctor True	2,500.00
(5) Compilation of information on drug plants for publication—Alice Henkel, assistant	2,000.00
(6) Tests of various drug-producing plants—Doctor True..	6,516.00

BUREAU OF PLANT INDUSTRY—Continued.

15. Drug plant, poisonous plant, and tea-culture investigations—Continued.

(B) Poisonous-plant investigations.

(7) Investigations of the cause of loco-weed disease in animals—C. Dwight Marsh, expert	$7,000.00
(8) Studies of various stock-poisoning plants—Doctors True, Marsh, and Crawford	4,500.00
(9) Cooperative investigations of stock poisoning on the national forests—Now conducted by the Forest Service in cooperation with Doctor Marsh: This work consists of field studies on the national forests and other areas in the West, where great losses of stock due to poisoning occur, and laboratory investigations as to the causes of these losses are conducted in Washington, D. C. The objects are to ascertain what plants are causing the great losses of stock in those regions and to give suggestions as to treatment	5,000.00
Results: A somewhat careful botanical exploration has been made of the poisonous plant areas in the Manti National Forest. Preliminary examinations of conditions have also been made in Huachuca and Baboquivan Reserves in Arizona, the Black Hills Reserve in South Dakota, and the Holy Cross Reserve in Colorado. These preliminary studies show pretty clearly the direction which fruitful investigation must take. (The increase of $5,000 is desired in order that the expenses of this work may be defrayed by the Bureau of Plant Industry, to whose province the work logically belongs.)	
(10) Tea investigations in South Carolina—Doctor True	1,800.00
(11) Tea investigations in Texas—Doctor True in cooperation with A. P. Borden	3,300.00
(12) Study of the relation of tea constituents to price and quality—Doctor True	500.00

(D) Special investigations.

(13) Lemon investigations	2,800.00

16. Physical laboratory.

[Lyman J. Briggs, physicist in charge.]

Salaries, statutory	$480.00
Salaries, lump fund	8,500.00
Stationery, furniture, supplies, etc	3,500.00
Miscellaneous expenses—freight, express, telephone, etc	300.00
Traveling and station and field expenses	3,216.00
Total	15,996.00

PROJECTS.

(1) Cooperative physical investigations in the arid West. (Increase of $2,000 for conducting these investigations in connection with the cereal farms in cooperation with the grain investigations of the Bureau, and in connection with the demonstration farms on the reclamation projects in the semi-arid West.)	9,500.00
(2) Centrifugal investigations of plant nutrient solutions	4,000.00
(3) Electrocultural experiments	2,496.00

BUREAU OF PLANT INDUSTRY—Continued.

17. Crop technology investigations.

[N. A. Cobb, expert in charge.]

Salaries, lump fund	$7,000.00
Stationery, furniture, supplies, etc	2,500.00
Miscellaneous expenses—freight, express, telephone, etc..	300.00
Traveling and station and field expenses	2,155.00
Total	11,955.00

PROJECTS.

(1) Crop Technology Laboratory	4,500.00
(Increase of $1,200, for the development of the work of the laboratory, the installation of necessary additional equipment, etc.)	
(2) Technological studies of cereals	4,000.00
(Increase of $2,000, for the normal growth of the work.)	
(3) Improvement of agricultural apparatus	2,600.00
(Increase of $1,400, to elaborate the scope of this line of investigation.)	
(4) Technological studies of plant diseases	855.00

18. Fiber plant investigations.

[Lyster H. Dewey, botanist in charge.]

Salaries, statutory	$1,000.00
Salaries, lump fund	5,000.00
Stationery, furniture, supplies, etc	500.00
Miscellaneous expenses—freight, express, telephone, etc..	200.00
Traveling and station and field expenses	950.00
Total	7,650.00

PROJECTS.

(1) Sisal and henequen fiber investigations	1,700.00
(Increase of $500 is desired to arrange for trial planting in southern California and in southern Florida.)	
(2) Ixtlee fiber investigations	1,200.00
(Increase of $200 is desired for normal growth of work.)	
(3) Hemp investigations	1,000.00
(Increase of $200 is desired to aid in a similar and more extensive demonstration in Missouri, where hemp growing was discontinued fifty years ago. Work on the production of hemp seed of improved varieties is also contemplated.)	
(4) Flax fiber investigations	800.00
(Increase of $100 for extension of work.)	
(5) Ramie fiber investigations	450.00
(6) Classification of cotton varieties	2,500.00

19. Taxonomic investigations.

[Frederick V. Coville, botanist in charge.]

Salaries, statutory	$6,720.00
Salaries, lump fund	14,500.00
Stationery, furniture, supplies, etc	2,000.00
Miscellaneous expenses—freight, express, telephone, etc..	300.00
Traveling and station and field expenses	2,690.00
Total	26,210.00

BUREAU OF PLANT INDUSTRY—Continued.

19. Taxonomic investigations—Continued.

PROJECTS.

(1) Study and improvement of grazing areas in the national forests	$4,000.00
(2) Preparation of a manual of the American grasses	6,500.00
(3) Economic collections of specimens of cultivated plants	6,500.00
(4) Preparation for publication of notes of Dr. Edward Palmer on economic plants	2,500.00
(5) Preparation of a catalogue of the literature of botany	2,000.00
(6) Preparation of a manual of the flora of Alaska	1,500.00
(7) Care of botanical laboratories	2,710.00

20. Farm-management investigations.

[W. J. Spillman, agriculturist in charge.]

Salaries, statutory	$10,500.00
Salaries, lump fund	50,000.00
Stationery, furniture, supplies, etc	5,000.00
Miscellaneous expenses—freight, express, telephone, etc	500.00
Traveling and station and field expenses	26,905.00
Total	92,905.00

PROJECTS.

(A) Farm management districts.

(1) District No. 1, North Carolina, South Carolina, and Florida	2,630.00
(2) District No. 2, Alabama and Mississippi	4,000.00
(3) District No. 3, Louisiana and Arkansas	5,850.00
(4) District No. 4, Texas	6,250.00
(5) District No. 5, New York and the New England States. (Increase of $1,750 for an assistant to Mr. Dodge, and traveling expenses.)	4,585.00
(6) District No. 6, Oregon, Washington, and Idaho. (Increase of $1,750 for an assistant to Mr. Hunter, and traveling expenses.)	5,785.00
(7) District No. 7, Kansas, Nebraska, Iowa, and Missouri	3,700.00
(8) District No. 8, Virginia, Maryland, Delaware, and West Virginia, H. A. Miller, assistant agriculturist in charge: The work in this district is similar to that in District No. 1, previously described, with the exception of those lines bearing directly on the cotton boll weevil problem. (Amount allotted for fiscal year 1908, $2,150.) Results: A general agricultural survey of this district was made during the past year, and work has begun on the most urgent problems in the peanut, tobacco, and grain sections.	2,150.00
(9) District No. 9, Kentucky and Tennessee: The work in this district is similar to that in District No. 1, previously described. (Amount allotted for fiscal year 1908, $1,000.) Results: The preliminary work has resulted in securing much valuable data, which will aid in the inauguration of active work in this district during the present year.	1,000.00
(10) District No. 10, New Jersey and Pennsylvania: The work in this district is similar to that in District No. 1, previously described, with the exception of those lines bearing directly on the cotton boll weevil problem. (Amount allotted for fiscal year 1908, $1,770.) Results: The preliminary work has resulted in securing much valuable data which will aid in the inauguration of active work in this district during the present year.	1,770.00

BUREAU OF PLANT INDUSTRY—Continued.

20. Farm-management investigations—Continued.

(11) District No. 11, Wisconsin, Michigan, Minnesota, North Dakota, and South Dakota: The work in this district is similar to that in District No. 1, previously described, with the exception of those lines bearing directly on the cotton boll weevil problem	$4,000.00
(Amount allotted for fiscal year 1908, $4,000.) Results: The preliminary work has resulted in securing much valuable data which will aid in the inauguration of active work in this district during the present year.	
(12) District No. 12, New Mexico, Arizona, Utah, Nevada, and Western Colorado—David Griffiths, assistant agriculturist in charge: The work in this district is similar to that in District No. 1, previously described, with the exception of those lines bearing directly on the cotton boll weevil problem	1 200.00
(Amount allotted for fiscal year 1908, $1,200.) Results: The preliminary work has resulted in securing much valuable data which will aid in the inauguration of active work in this district during the present year.	
(13) Methods of eradicating weeds	3,800.00
(Increase of $500 for additional assistance and field work.)	
(14) Hay and hay making	3,225.00
(15) Farm practice in the production of forage for beef cattle and sheep	6,500.00
(Increase of $1,300 for increase of $300 in Mr. Cotton's salary and salary of one assistant.)	
(16) Farm practice in the production of forage for hogs	2,000.00
(Increase of $200 for increase of Mr. Quinn's salary.)	
(17) Study of farm equipment	2,600.00
(18) Manures and fertilizers	2,500.00
(19) Soiling and silage crops	2,620.00
(20) Farm practice in corn culture	2,120.00
(21) Trucking on diversification farms	2,000.00
(22) Cassava investigations	1,250.00
(23) Study of coarse legumes	1,500.00
(Increase of $500 for an increase of $200 in Mr. Crosby's salary and additional traveling expenses.)	
(24) Diversification of crops on rice lands	800.00
(25) Study of farm practice in cereal culture and collection of phenological data regarding crop production.	2,000.00
(Increase of $200 for increase of Mr. Miller's salary.)	
(26) Miscellaneous studies of farm practice	4,040.00
(Increase of $1,140 for increase of $300 in Mr. Dodge's salary, increase of $200 in Mr. Drake's salary, and additional traveling expenses.)	
(27) Study of business systems in farming	6,880.00
(Increase of $1,000 for additional traveling and miscellaneous expenses in securing records.)	
(28) Range investigations	2,510.00
(29) Cactus investigations	2,640.00
(30) Agricultural surveys	1,000.00
(Increase of $160 for additional traveling expenses.)	

BUREAU OF PLANT INDUSTRY—Continued.

21. Grain investigations.

[M. A. Carleton, cerealist in charge.]

Salaries, statutory	$3,780.00
Salaries, lump fund	30,000.00
Stationery, furniture, supplies, etc	1,500.00
Miscellaneous expenses—freight, express, telephone, etc..	400.00
Traveling and station and field expenses	6,563.00
Total	42,243.00

PROJECTS.

(1) Wheat investigations	4,500.00
(2) Oat investigations	5,500.00
(3) Barley investigations	3,500.00
(4) Sorghum investigations	3,500.00
(5) Cereal diseases	6,500.00
(6) Grain experiments in the Texas Panhandle	3,500.00
(7) Investigations of dry-land cereals	8,443.00
(8) Crop rotations in relation to cereals	2,500.00
(9) Study of the effect of environment on the composition of grains	2,000.00
(10) Investigation of the food value of grains	2,300.00

22. Grain standardization.

[John D. Shanahan, expert in charge.]

Salaries, lump fund	$40,000.00
Stationery, furniture, supplies, etc	12,000.00
Miscellaneous expenses—freight, express, telephone, etc..	500.00
Rent	3,500.00
Traveling and station and field expenses	9,000.00
Total	65,000.00

PROJECTS.

(1) Laboratory investigations in grain standardization, Washington, D. C. (Increase of $1,200 is desired for the installation of necessary and improved apparatus in order to extend and improve the facilities and work of this project.)	9,800.00
(2) European grain standardization laboratory. (Increase of $500 is desired for the reason that the allotment for the work this year is inadequate to get best results and information for the purposes of the project of grain standardization.)	4,000.00
(3) Grain standardization laboratory, Baltimore, Md. (Increase of $500 for additional apparatus, elaborating the work, and extending the facilities of the laboratory.)	5,000.00
(4) Grain standardization laboratory, New Orleans, La. (Increase of $500 for additional apparatus, elaborating the work, and extending the facilities of the laboratory.)	5,000.00

(5) Grain standardization laboratory, Duluth, Minn.—F. J. Ryder, assistant:

The work in this laboratory is practically similar to that of the Baltimore laboratory previously described. The laboratory was established at this point for the reason that it is one of the principal distributing and export points for the hard spring wheats grown in the northwest section, and at which point the Department has excellent facilities for studying these wheats. The aim is to secure samples of grain passing through the Duluth

BUREAU OF PLANT INDUSTRY—Continued.

22. Grain standardization—Continued.

Grain standardization laboratory, Duluth, Minn.—F. J. Ryder, assistant—Continued.
market, and such information and data concerning the handling, shipping, storing, and inspecting of grain at this point as will aid in the establishment of definite and honest grades..... $5,000.00
(Amount alloted for fiscal year 1908, $4,800.)
Results: This laboratory is especially important as representing grain in the hard spring wheat growing section of the Northwest, and was opened for business about October 1 of this year. About 300 samples have been submitted to and analyzed by this laboratory. Considerable information and data have been collected relating to the handling, shipping, storing, and inspecting of grain at this point, especially with reference to what is known as the dockage system. In other words, fixing the amount of weed seeds, dirt, and foreign material in these wheats.
(The increase of $200 is desired for additional apparatus, elaborating the work, and extending the facilities of the laboratory.)

Grain standardization laboratory, Minneapolis, Minn.—L. A. Fitz, assistant:
The work in this laboratory is practically similar to that of the Baltimore laboratory previously described. The laboratory was established at this point for the reason that it is one of the principal milling and distributing points for the hard spring wheats grown in the northwest section, and at which point the Department has excellent facilities for studying the milling of these wheats. The aim is to secure samples of grain passing through the market and into the mills at Minneapolis, and such information and data concerning the handling, milling, shipping, storing, and inspecting of grain at this point as will aid in the establishment of definite and honest grades..... 5,000.00
(Amount allotted for fiscal year 1908, $4,800.)
Results: This laboratory is especially important as representing the milling and marketing of grain in the hard spring wheat growing section of the Northwest, and was opened for business October 1 of this year. About 300 samples have been submitted to and analyzed by this laboratory. Considerable information and data have been collected relating to the milling, handling, shipping, storing, and inspecting of grain at this point, especially with reference to what is known as the dockage system in connection with its value from the miller's point of view.
(Increase of $200 for additional apparatus, elaborating the work and extending the facilities of the laboratory.)

Grain standardization laboratory, St. Louis, Mo.—W. P. Carroll, assistant:
The work in this laboratory is practically similar to that of the Baltimore laboratory previously described. The laboratory was established at this point for the reason that it is one of the principal distributing and milling points for the hard and soft winter wheats grown in the Middle Northwest section. There is also much grain, including corn, shipped from this point to the Gulf ports for ex-

BUREAU OF PLANT INDUSTRY—Continued.

22. Grain standardization—Continued.

(7) Grain standardization laboratory, St. Louis, Mo.—W. P. Carroll, assistant—Continued.

port, and at this point the Department has excellent facilities for studying these features. The aim is to secure samples of grain passing through the market and into the mills at this point and such information and data concerning the handling, shipping, storing, and inspecting of grain at this point as will aid in the establishment of definite and honest grades..... $5,000.00

(Amount allotted for fiscal year 1908, $4,800.)

Results: This laboratory is especially important as representing the hard and soft red winter wheats and corn grown in the Middle West section and was opened for business about September 15 of this year. About 400 samples have been submitted to and analyzed by this laboratory. Considerable information and data have been collected relating to the handling, milling, shipping, storing, and inspecting of grain at this point, especially with reference to the milling of wheats grown in this section, and the shipment of corn to ports on the Gulf of Mexico for export.

(Increase of $200 for additional apparatus, elaborating the work, and extending the facilities of the laboratory.)

(8) Grain standardization laboratory, New York, N. Y.—C. E. Leigthy, assistant:

The work at this laboratory is to be practically similar to that of the Baltimore laboratory, previously described. The laboratory was established at this point for the reason that it is the largest export market for cereal grains in the United States, besides being a North Atlantic port, at which point the Department will have excellent facilities for studying all classes of commercial grains in connection with the climatic conditions of the North Atlantic coast, and to collect such information and data concerning the handling, shipping, storing, and inspecting of grain at this point as will aid in the establishment of definite and honest grades..... 5,000.00

(Amount allotted for fiscal year 1908, $4,500.)

Results: This laboratory has not yet been opened for business on account of the new customhouse at this point, in which the laboratory is to be located, not having been finished, and it is hoped to open it early in the year, when it will be especially important as representing all kinds of cereal grains handled at a North Atlantic seaport.

(Increase of $500 for additional apparatus, elaborating the work, and extending the facilities of the laboratory.)

(9) Grain standardization laboratory, Buffalo, N. Y.:

The work to be essentially the same as at the other laboratories. At this point the Department would have especially good opportunities for studying the handling, shipping, storing, distributing, and inspecting of grain at one of the largest interior distributing points for same in the United States, where practically all kinds and classes of grain grown in the United States and Canada are concentrated. The Buffalo Corn Exchange has urged the establishment of this laboratory..... 3,700.00

BUREAU OF PLANT INDUSTRY—Continued.

22. Grain standardization—Continued.

(10) Grain standardization laboratory, Chicago, Ill.: The work to be essentially the same as at the other laboratories now established. It is desired to place a laboratory at this point for the reason that it is the largest primary grain market in the world; consequently, the Department will have especially good facilities for studying questions in connection with the grain business generally. The Chicago Board of Trade has urged the establishment of this laboratory	$3,600.00
(11) Grain standardization laboratory, Kansas City, Mo.: The work to be essentially the same as at the other laboratories now established. It is desired to establish a laboratory at this point for the reason that it is the largest primary market for hard red winter wheat, and the Department will have especially good facilities for studying this wheat and the methods of handling it. The Kansas City Board of Trade has urged the establishment of this laboratory	3,200.00
(12) Grain standardization laboratory, Philadelphia, Pa.: The work to be essentially the same as at the other laboratories now established. It is desired to establish a laboratory at this point, which is neither a northern nor a southern Atlantic port, and from which large quantities of corn are exported annually. The Department will have good opportunities to study the export of corn, and the weather conditions affecting it as compared with New York, Baltimore, and New Orleans. The Philadelphia Commercial Exchange has urged the establishment of this laboratory	3,200.00
(13) Grain and flour testing laboratory: This laboratory is desired for the reason that it is believed that it will be of great benefit and value to the millers of wheat and other cereals in this country, and that it will be important in fixing the manufacturing and milling values of the cereal grains grown in the United States. It is important that careful investigations be made of the bread-making value of wheats as there are many factors that enter into these values, upon which very little scientific work has been done, and it is essential that these be worked out in connection with the establishment of United States standards for grain grades	7,500.00

23. Arlington experimental farm and truck crop investigations.

[L. C. Corbett, horticulturist in charge.]

Salaries, statutory	$6,460.00
Salaries, lump fund	21,000.00
Stationery, furniture, supplies, etc	8,500.00
Miscellaneous expenses—freight, express, telephone, etc	200.00
Traveling and station and field expenses	3,615.00
Total	39,775.00

BUREAU OF PLANT INDUSTRY—Continued.

23. Arlington experimental farm and truck crop investigations—Continued.

PROJECTS.

(1) The Arlington (Va.) experimental farm—Professor Corbett	$22,000.00
(2) Study of the conditions favoring the forcing of plants—Professor Corbett	3,000.00
(3) Truck crop survey—Professor Corbett	4,500.00
(Increase of $1,000 is desired for the extension of the work.)	
(4) Demonstrations of truck growing on rice lands—W. R. Beattie, assistant horticulturist	3,500.00
(Increase of $500 is desired for the extension of the work.)	
(5) Irish-potato trials—Professor Corbett	1,500.00
(6) Sweet-potato investigations—Professor Corbett	1,000.00
(7) Peanut investigations—W. R. Beattie, assistant horticulturist	1,000.00
(The increase of $200 is desired for the selection and improvement of seed of standard sorts and for the purchase and distribution of improved stock seed.)	
(8) Onion investigations—Professor Corbett	1,000.00
(Increase of $300 is desired to provide means for starting special improvement in the seed of standard varieties of northern-grown onions, and the investigation of the conditions under which Bermuda onion seed is produced, with a view to their betterment.)	
(9) Miscellaneous horticultural investigations—Professor Corbett	2,275.00

24. Sugar-beet investigations.

[C. O. Townsend, pathologist in charge.]

Salaries, statutory	$1,840.00
Salaries, lump fund	14,000.00
Stationery, furniture, supplies, etc	150.00
Miscellaneous expenses—freight, express, telephone, etc	100.00
Traveling and station and field expenses	8,077.00
Total	24,167.00

PROJECTS.

(1) Production of single-germ sugar-beet seed	5,200.00
(2) Production of alkali and drought resistant strains of sugar beets	1,600.00
(3) Improvement of methods of growing sugar beets	2,000.00
(Increase of $500 is desired for the continuation and extension of the work.)	
(4) Improvement of methods of siloing sugar beets	1,700.00
(The increase of $500 is desired to test the value of fungicides upon beet roots before siloing as a means of preventing decay, to test siloing in sand, to determine the relative value of the pit, the shallow trench, or the elevation as the foundation for the silo and to determine best methods of siloing in different localities, so that beet-seed growing may be extended.)	
(5) Study of diseases of the sugar beet and allied plants	3,500.00
(Increase of $500 is desired for the development and extension of the work.)	

BUREAU OF PLANT INDUSTRY—Continued.

24. Sugar-beet investigations—Continued.

(6) Selection of sugar beets for increased tonnage and quality.....	$2,000.00
(Increase of $600 is desired to enable us to cross the stock beet with sugar beets of high sugar content with a view to producing a large beet very rich in sugar, thereby trebling the sugar yield per acre, and to enable us to conduct these experiments in several localities for the purpose of finding, if possible, conditions under which more marked and rapid results may be obtained.)	
(7) Selection of sugar beets for early maturity.....	1,367.00
(Increase of $500 is desired for the normal growth of the work.)	
(8) Study of the effect of fertilizers on sugar beets.....	1,300.00
(Increase of $500 is desired for studying the causes of these differences in order to determine whether certain soils under certain conditions do not allow the fertilizer to become effective, or whether the particular fertilizer tested is not suitable for sugar beets.)	
(9) Investigations of the progress of the beet-sugar industry.	5,500.00

25. Western agricultural extension.

[Carl S. Scofield, agriculturist in charge.]

Salaries, statutory.....	$2,280.00
Salaries, lump fund.....	9,500.00
Stationery, furniture, supplies, etc.....	1,000.00
Miscellaneous expenses—freight, express, telephone, etc..	500.00
Traveling and station and field expenses.....	5,045.00
Total.....	18,325.00

PROJECTS.

(1) Fallon, Nev., experiment farm.....	6,000.00
(The increase of $500 is desired for the employment of additional labor to carry on the experiments now under way.)	
(2) Yuma, Ariz., experiment farm.....	5,000.00
(The increase of $500 is desired for the purchase of additional equipment for carrying on the experiments.)	
(3) Bellefourche, S. Dak., experiment farm—Mr. Scofield, in cooperation with E. C. Chilcott, agriculturist in charge of dry-land agriculture investigations: This work, which is conducted in cooperation with other offices of the Bureau, consists of experiments with crops and tillage methods on the irrigated portion of the experiment farm at Bellefourche. This farm consists of a tract set aside by the Reclamation Service, a part of which is under irrigation. (The work on the unirrigated portion of the tract is described under dry-land agriculture investigations, post).....	4,325.00
(Amount allotted for fiscal year 1908, $3,325.) Results: No irrigation work has been carried on this year. The money allotted has been used for purchasing equipment and for aiding the work on the irrigated portion of the farm.	

BUREAU OF PLANT INDUSTRY—Continued.

25. Western agricultural extension—Continued.

(4) Minidoka, Idaho, experiment farm:
This work is to be similar to that on the reclamation projects, an agreement having been reached with the Reclamation Service for the assignment of a part of the land on the Minidoka project in southern Idaho..... $1,500.00

(5) Klamath Falls, Oreg., experiment farm:
The work to be similar to that to be taken up at Minidoka, Idaho. The Reclamation Service has agreed to furnish a part of the land of the Klamath Falls project, located in southern Oregon..... 1,500.00

26. Dry-land agricultural investigations.

[E. C. Chilcott, agriculturist in charge.]

Salaries, statutory	$1,000.00
Salaries, lump fund	20,000.00
Stationery, furniture, supplies, etc	4,500.00
Miscellaneous expenses—freight, express, telephone, etc..	200.00
Traveling and station and field expenses	8,516.00
Total	34,216.00

PROJECTS.

(1) Dickinson project, southwestern North Dakota..... 1,950.00
(Increase of $450 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigation which naturally results from the development of the field work.)

(2) Williston project, northern North Dakota—Professor Chilcott:
The work planned for on this project is essentially similar to that on the Dickinson project, previously described..... 1,950.00
(Amount allotted for fiscal year 1908, $500.)
Results: Field work on this project has not yet been begun, owing to the failure of the North Dakota Experiment Station to secure suitable land. It is believed that it will be begun early next spring.
(Increase of $1,450 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigations which naturally result from the development of the field work.)

(3) Edgeley project, southeastern North Dakota..... 1,950.00
(Increase of $250 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigations which naturally result from the development of the field work.)

(4) Highmore project, northern South Dakota..... 1,950.00
(Increase of $250 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigations which naturally result from the development of the field work.)

(5) Bellefourche project, northwestern South Dakota..... 6,000.00
(Increase of $750 for defraying the additional expense involved in the greater amount and quality of the scientific investigations which naturally result from the development of the field work.)

BUREAU OF PLANT INDUSTRY—Continued.

26. Dry-land agricultural investigations—Continued.

) North Platte project, Nebraska..... $2,150.00
(Increase of $450 for defraying the additional expense involved in the greater amount and higher quality of scientific investigations which result from the development of the field work.)

) Hays project, northern Kansas..... 1,950.00
(Increase of $250 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigations which naturally result from the development of the field work.)

) Garden City project, southwestern Kansas..... 2,450.00
(Increase of $450 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigations which naturally result from the development of the field work.)

) Akron project, northeastern Colorado—Professor Chilcott:
The work on this project is essentially similar to that of the Dickinson project, previously described, except that the experiments are being carried on without the cooperation of the Colorado State Experiment Station. The people of Akron and vicinity have furnished the land and improvements to the value of $3,000. All teams, tools, implements, and other equipment are provided by this Office..... 4,000.00
(Amount allotted for fiscal year 1908, $3,400.)
Results: The funds so far expended have been almost entirely for the salary of the superintendent, for equipment, and for breaking and preparing the land for crops. Some fall planting was done and the remainder of the tract will be seeded in the spring.
(Increase of $600 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigations which naturally result from the development of the field work.)

) Amarillo project, Texas Panhandle..... 1,950.00
(Increase of $250 for defraying the additional expense involved in the greater amount and higher quality of the scientific investigations which naturally result from the development of the field work.)

) Dalhart project, Texas—Professor Chilcott:
The work on this project is essentially similar to that of the Dickinson project, except that the experiments are carried on without the cooperation of the Texas State Experiment Station. The people of Dalhart and vicinity furnished the land and improvements to the amount of $4,000. All teams, tools, implements, and other equipment are provided by this office..... 4,000.00
(Amount allotted for fiscal year 1908, $3,066.)
Results: The funds so far expended have been almost entirely for the salary of the superintendent, for equipment, and for breaking and preparing the land for crops.
(Increase of $934 for defraying the additional expense involved in the greater amount and quality of the scientific investigations which naturally result from the development of the field work.)

BUREAU OF PLANT INDUSTRY—Continued.

26. Dry-land agricultural investigations—Continued.

(12) Judith Basin project, Montana—Professor Chilcott:
The work of this project is essentially similar to that of the Dickinson project previously described..... $1,950.00
(Amount allotted for fiscal year 1908, $1,500.)
Results: The land on this project was raw prairie and had to be subdued. Forty acres was broken last spring and has since been backset and prepared for seeding in the spring.
(Increase of $450 for defraying the additional expense involved in the greater amount and higher quality of scientific investigations which naturally result from the development of the field work.)

(13) New project in dry-land agriculture:
During the fiscal year 1909, it is proposed to establish one new project. At present it seems that the Chadron project is the one most urgently demanded, as the sand-hills district of northern Nebraska and southern South Dakota is not represented in our present scheme. It may be, however, that it will prove even more desirable to establish a station in Oklahoma, New Mexico, or the southern Panhandle of Texas. Wherever established, the work will be substantially the same as the projects already established. The amount necessary to inaugurate work on a new project will be..... 1,966.00

27. Pomological collections.

[G. B. Brackett, pomologist in charge.]

Salaries, statutory	$10,540.00
Salaries, lump fund	6,500.00
Stationery, furniture, supplies, etc	300.00
Miscellaneous expenses—freight, express, telephone, etc	63.00
Traveling and station and field expenses	80.00
Total	17,483.00

PROJECTS.

(1) Collection and dissemination of information relating to the fruit industry	3,483.00
(2) Identification and description of fruits	3,000.00
(3) Simplification and purification of fruit nomenclature	4,000.00
(4) Modeling and painting of fruits	4,000.00
(5) Cooperative experimental orchard on the Arlington farm	3,000.00

28. Field investigations in pomology.

[William A. Taylor and G. Harold Powell, pomologists in charge.]

Salaries, statutory	$5,160.00
Salaries, lump fund	32,000.00
Stationery, furniture, supplies, etc	14,000.00
Miscellaneous expenses—freight, express, telephone, etc	500.00
Traveling and station and field expenses	15,926.00
Total	67,586.00

PROJECTS.

(1) Experimental export shipments of fruits	5,000.00
(2) Improvement of methods of packing and handling winter apples	5,000.00

(Increase of $500 for investigating conditions to which fruit is subjected on shipboard and in foreign markets.)

BUREAU OF PLANT INDUSTRY—Continued.

28. Field investigations in pomology—Continued.

) Improvement of methods of packing and shipping California oranges and deciduous fruit..... (Increase of $2,000 needed for precooling experiments.)	$24,000.00
) Improvements in transportation of Florida oranges.... (Increase of $1,000 for field expenses in extension of work.)	10,000.00
) Improvement of fruit-storage methods.....	6,000.00
) Development of phylloxera-resistant grape stocks and determination of their congeniality to vinifera varieties.....	4,000.00
) Vinifera grape investigations.....	2,500.00
) Rotundifolia grape investigations.....	2,000.00
) Study of miscellaneous viticultural problems.....	1,500.00
0) Study of the adaptability of apples and other fruits to different sections.....	2,800.00
1) Phenological investigations of fruit culture.....	1,565.00
2) Study of the relative merit and adaptability of pecan varieties..... (Increase of $221 for additional field expenses.)	2,721.00

29. Greenhouses, gardens, and grounds.

[E. M. Byrnes, superintendent.]

laries, statutory.....	$23,520.00
laries, lump fund.....	8,000.00
ıtionery, furniture, supplies, etc.....	7,000.00
scellaneous expenses—freight, express, telephone, etc..	2,220.00
Total.....	40,740.00

PROJECTS.

General care of Department grounds.....	12,500.00
Care of greenhouses and collections of plants under glass.....	10,000.00
Propagation of plants for decorative and other purposes.....	9,000.00
Repair and construction of greenhouses, etc.....	9,240.00

30. Seed and plant introduction.

[David Fairchild, agricultural explorer in charge.]

laries, statutory.....	$4,740.00
laries, lump fund.....	15,000.00
ıtionery, furniture, supplies, etc.....	12,000.00
scellaneous expenses—freight, express, telephone, etc..	2,500.00
ıveling and station and field expenses.....	11,350.00
Total.....	45,590.00

PROJECTS.

General expenses of office of Seed and Plant Introduction.....	5,660.00
Agricultural explorations in foreign countries..... (The increase of $5,000 is desired for further explorations in northern Siberia. The purpose is to send out again in search of other hardy forage and fruit plants that will be of use in the severe climate of the Northwest. As the climate of Siberia is even more severe and as the things tested from there have proven unusually hardy, the probabilities of getting valuable things is a practical certainty.)	22,100.00

BUREAU OF PLANT INDUSTRY—Continued.

30. Seed and plant introduction—Continued.

(3) Grape investigations	$2,000.00
(4) Date introductions and date gardens	2,000.00
(5) Globe artichoke and chayote introductions	1,150.00
(6) Miscellaneous plant introductions	450.00
(7) Bamboo introduction:	
The timber bamboos of the Orient are among the most profitable plant cultures of the Orientals. Scattering groves of these plants in America have demonstrated that they will grow in the United States. To prove that they can be grown profitably on land that is not now occupied by crops, such as the "cane brake" lands of the South, is the object of this project. The uses in this country to which bamboos can be put are also being studied, and it is probable that in cooperage, as temporary irrigation pipes, for screens, for vine stalks, for many kinds of furniture, for bean poles, for light handles for orchard tools, etc., they are to play an important part in this country, as they do in all countries where they are grown	1,730.00
(Amount allotted for fiscal year 1908, $1,730.)	
Results: Early introductions into our plant garden have been growing successfully, and an explorer has been appointed to get up a shipment of the best timber forms and import them the coming spring. Hardier forms than the Japanese have been found in China, drought-resisting forms are ordered from India, and the tropical giant forms are requested by the planters in Porto Rico.	
(8) Mississippi Valley Plant Introduction Garden, Ames, Iowa:	
Mr. Fairchild, in cooperation with Mr. S. A. Beach, collaborator. This garden has just been established as a propagating garden where the hardy fruit plants secured by explorers and by correspondence can be multiplied, and from which they can be distributed to the great Mississippi region, where there is a great demand for hardier fruits and where there are a large number of plant breeders who are at the present time trying to develop varieties of hardy fruits which will stand the severe climate of the region	1,000.00
(Amount allotted for fiscal year 1908, $1,000.)	
Results: Suitable stocks and seedlings have been gotten together, and a search is being started in Central Asia preparatory to sending an explorer there next season after the wild apples, pears, and other fruits known to occur there and believed to be invaluable for breeding experiments.	
(9) Introduced grains	2,000.00
(10) Matting plant introduction	3,100.00
(11) Brewing barley investigations	4,400.00

31. Forage crop investigations.

[C. V. Piper, agrostologist in charge.]

Salaries, statutory	$3,600.00
Salaries, lump fund	13,000.00
Stationery, furniture, supplies, etc	6,595.00
Miscellaneous expenses—freight, express, telephone, etc	1,500.00
Traveling and station and field expenses	6,000.00
Total	35,695.00

BUREAU OF PLANT INDUSTRY—Continued.

31. Forage crop investigations—Continued.

PROJECTS.

Alfalfa investigations	$8,880.00
(The $2,880 increase asked for is to permit the more rapid extension of the two varieties above mentioned; also to push investigations on alfalfa-seed production in the United States.)	
Investigations of new and standard grasses	6,500.00
(The increase of $1,000 is desired for extending the work in breeding grasses.)	
Cowpea investigations	2,500.00
(The increase of $500 is asked for to be used in increase of salary, $200, and a seed-growing contract, $300.)	
Vetch investigations	2,500.00
(The increase of $500 is desired for the extension of the work.)	
Sorghum investigations	3,000.00
(The $500 increase is desired for enlarging the acreage for experimenting and for growing seed.)	
Adaptation of soy beans to rice lands	2,500.00
(The $500 additional is desired to grow seed, $300, and to increase salary, $200.)	
Investigation of forage crops for the cotton boll weevil region	1,700.00
Investigations and tests of miscellaneous forage crops	8,115.00
(The $620 additional asked for is for increase in salaries, $320, and seed-growing contracts, $300.)	

32. Vegetable-testing gardens.

[W. W. Tracy, sr superintendent.]

ıries, statutory	$720.00
ıries, lump fund	8,000.00
ionery, furniture, supplies, etc	500.00
ellaneous expenses—freight, express, telephone, etc	500.00
veling and station and field expenses	1,200.00
Total	10,920.00

PROJECTS.

Tests of seed secured for Congressional distribution	3,800.00
Variety tests of commercial vegetables	5,000.00
Special tests of sweet-corn seed	2,120.00

33. Seed distribution.

[Directed by Chief of Bureau.]

ıries, statutory	$22,310.00
ıries, lump fund	26,000.00
ionery, furniture, supplies, etc	126,828.00
ellaneous expenses—freight, express, telephone, etc	1,000.00
t	4,440.00
veling and station and field expenses	2,025.00
Total	182,603.00

PROJECTS.

(*A*) *Regular distribution.*

Vegetable and flower seed distribution	160,000.00
Bulb distribution	5,800.00
Grass-seed distribution	3,000.00
Distribution of grapevines and strawberry plants	3,500.00

BUREAU OF PLANT INDUSTRY—Continued.

33. Seed distribution—Continued.

(B) Distribution of select varieties of seed.

(5) Cotton-seed distribution	$5,000.00
(6) Propagation and distribution of sugar-beet seed	4,300.00
(7) Tobacco-seed distribution	500.00
(8) Propagation and distribution of seed of wilt-resistant watermelons	503.00

34. Seed laboratory.

[Edgar Brown, botanist in charge.]

Salaries, statutory	$4,000.00
Salaries, lump fund	18,000.00
Stationery, furniture, supplies, etc	2,500.00
Miscellaneous expenses—freight, express, telephone, etc	200.00
Traveling and station and field expenses	1,657.00
Total	26,357.00
(1) Pure-seed investigations (Increase of $1,500 for the extension of the work.)	9,000.00
(2) Seed-vitality investigations (Increase of $500 for the extension of the work.)	5,000.00
(3) Seed testing (Increase of $3,000 for the extension of the work and the establishment of a cooperative seed-testing laboratory.)	12,357.00

35. Subtropical laboratory and garden, Miami, Fla.

[Ernst A. Bessey, pathologist in charge.]

Salaries, statutory	$1,000.00
Salaries, lump fund	5,000.00
Stationery, furniture, supplies, etc	400.00
Miscellaneous supplies—freight, express, telephone, etc	300.00
Traveling and station and field expenses	3,000.00
Total	9,700.00

PROJECT.

Continuance of the work now under way	9,700.00

36. Plant-introduction garden, Chico, Cal.

[August Mayer, expert in charge.]

Salaries, lump fund	$7,800.00
Stationery, furniture, supplies, etc	500.00
Miscellaneous expenses—freight, express, telephone, etc	750.00
Traveling and station and field expenses	280.00
Total	9,330.00

PROJECT.

(1) Work of the plant-introduction garden	9,330.00

37. South Texas garden, Brownsville, Tex.

[E. C. Green, pomologist in charge.]

Salaries, lump fund	$4,500.00
Stationery, furniture, supplies, etc	2,500.00
Miscellaneous expenses—freight, express, telephone, etc	300.00
Traveling and station and field expenses	700.00
Total	8,000.00

PROJECT.

Continuance of the work now under way	8,000.00

BUREAU OF PLANT INDUSTRY—Continued.

38. San Antonio, Texas, Experiment Farm.

[F. B. Headley, superintendent, under the direction of Carl S. Scofield, agriculturist in charge of western agricultural extension.]

Salaries, lump fund	$3,500.00
Stationery, furniture, supplies, etc	200.00
Miscellaneous expenses—freight, express, telephone, etc	100.00
Traveling, and station and field expenses	700.00
Total	4,500.00

PROJECT.

Continuance of the work now under way	4,500.00

39. Cotton-culture farms and farmers' cooperative demonstration work.

[S. A. Knapp, special agent in charge.]

Salaries, lump fund	$50,000.00
Stationery, furniture, supplies, etc	800.00
Miscellaneous expenses—freight, express, telephone, etc	400.00
Rent	360.00
Traveling, and station and field expenses	21,240.00
Total	72,800.00

PROJECT.

Continuance of the work now under way	72,800.00

Total of all estimates for the Bureau of Plant Industry for the fiscal year 1909	$1,317,676.00
Total of all appropriations for fiscal year 1907	1,068,484.74
Less amounts available in fiscal year 1908	37,411.82
Total net appropriations for fiscal year 1907	1,031,072.92
Total of all appropriations for fiscal year 1908	1,162,230.00
Plus amounts continuing available in fiscal year 1908	37,411.82
Entire appropriations for fiscal year 1908 (increase of $168,568.90)	1,199,641.82
Total of all estimates for fiscal year 1909 (increase of $118,034.16)	1,317,676.00

OFFICE OF CHAIRMAN OF BUILDING COMMITTEE.

No regular estimate for the fiscal year 1909.

The funds for completing the two segments of the new building now in course of construction have been appropriated and made available, aggregating $1,500,000.

A separate estimate for the central or administrative segment of the building is to be submitted to the Sixtieth Congress.

PROGRESS OF THE WORK.

[From Eleventh Annual Report of the Secretary of Agriculture, November 23, 1907.]

The work on the new building for the Department has progressed satisfactorily during the year, and it is hoped to occupy the new quarters within the next month or two. As pointed out in my last report, in considering the question of a building, the imperative need for suitable laboratories to carry on the important investigations of the various bureaus and fireproof space for the library was recognized as paramount. The greater part of the indoor work of the Department is conducted in laboratories; hence the absolute necessity for structures that would be well lighted, well ventilated, fireproof, and otherwise well adapted for the purpose. To accomplish these several objects and at the same time to secure opportunities for continued enlargement, the building has been arranged so that extensions could be made in segments as the work required

OFFICE OF CHAIRMAN OF BUILDING COMMITTEE—Continued.

When the act authorizing the building was passed we could not foresee the rapid growth, by Congressional action, of the Department. On February 3, 1903, when the work was authorized, there were in Washington 1,100 persons employed in the Department of Agriculture. At the present time there are over 2,100—almost double the number on the date when the appropriation was made.

While the original appropriation was so expended as to secure the greatest possible amount of floor space, this floor space is now totally inadequate to care for the increase of almost 100 per cent in the number of employees. Full arrangements have been worked out for the occupancy of the present segments and the relinquishment of the several buildings for which rent is now being paid. The work will be completed within the appropriation made by Congress.

FOREST SERVICE.

[Salaries, Forest Service—$144,300.]

One Forester, who shall be Chief of Bureau	$5,000.00	
One clerk	2,100.00	
One clerk (increase of $100 submitted)	2,000.00	
Six clerks, class 4 (increase of 1 submitted)	10,800.00	
Three clerks, at $1,700 each	5,100.00	
One clerk, class 3	1,600.00	
Two clerks, at $1,500 each	3,000.00	
Two clerks, class 2	2,800.00	
One clerk	1,300.00	
Eight clerks, class 1	9,600.00	
Seven clerks, at $1,100 each	7,700.00	
Ten clerks, at $1,000 each (decrease of 1 by transfer to Secretary's roll)	10,000.00	
Twelve clerks, at $900 each	10,800.00	
Nineteen clerks, at $800 each	15,200.00	
Twenty-seven clerks, at $700 each	18,900.00	
Eighteen clerks, at $600 each	10,800.00	
One draftsman (increase of $200 submitted)	2,000.00	
Two draftsmen, at $1,400 each	2,800.00	
Two draftsmen, at $1,200 each	2,400.00	
Four draftsmen, at $1,000 each	4,000.00	
One artist	1,000.00	
One photographer	1,400.00	
One photographer	1,200.00	
One photographer	1,000.00	
Four messengers, at $720 each	2,880.00	
Two messengers, at $700 each	1,400.00	
Three messengers, at $600 each	1,800.00	
Three messengers, at $400 each	1,200.00	
One carpenter	1,000.00	
One carpenter	720.00	
Three watchmen, at $700 each	2,100.00	
One electrician	700.00	
Total amount estimated		$144,300.

NOTE.—There is an increase in the salary of 1 clerk from $1,900 to $2,000, 1 draftsman from $1,800 to $2,000, and 1 clerk of class 4 has been added and 1 clerk at $1,000 has been dropped. Total increase $1,100.

Amount of above appropriation for fiscal year 1907	$112,860
Amount of above appropriation for fiscal year 1908 (increase of $30,340)	143,200
Amount estimated for fiscal year 1909 (increase of $1,100)	144,300

Distributed as follows:

Office of the Forester.

General administration:		
One Forester	$5,000	
One clerk	1,800	
One clerk	1,200	
		8,000.00
Law, one clerk		700.00

FOREST SERVICE—Continued.

Dendrology:		
One clerk	$1,100	
One artist	1,000	
One clerk	900	
One clerk	700	
		$3,700.00
Inspection, one clerk		800.00
Grazing.		
Administration, one clerk		800.00
Permits:		
One clerk	1,100	
One clerk	800	
One clerk	600	
		3,300.00
Silviculture.		
Administration, one clerk		1,100.00
Extension, supervision, one clerk		1,200.00
Silvics:		
Supervision, one clerk		700.00
Library—		
One clerk	$1,100	
Two clerks, at $800	1,600	
One clerk	700	
		3,400.00
Management:		
Timber sales—		
One clerk	1,700	
One clerk	900	
One clerk	800	
Two clerks, at $600	1,200	
		4,600.00
Atlas, one clerk		600.00
Products.		
Administration, one clerk		1,200.00
Wood utilization:		
Computing—		
One clerk	$1,000	
One clerk	800	
Three clerks, at $700	2,100	
One clerk	600	
		4,500.00
Drafting—		
One draftsman	2,000	
Two draftsmen, at $1,400	2,800	
Two draftsmen, at $1,200	2,400	
Four draftsmen, at $1,000	4,000	
One clerk	900	
One clerk	800	
One clerk	700	
One messenger	600	
		14,200.00
Wood uses, one clerk		800.00
Publication, one clerk		700.00
Printing, one clerk		1,700.00
Operation.		
Administration, one clerk		2,000.00
Organization, supervision:		
One clerk	$1,100	
Two clerks, at $1,000 each	2,000	
One clerk	800	
		3,900.00

FOREST SERVICE—Continued.

Lands:		
Supervision, one clerk		$900.00
Boundaries—		
One clerk	$1,000	
One clerk	900	
One clerk	800	
Three clerks, at $700 each	2,100	
		4,800.00
Settlement—		
One clerk	1,200	
One clerk	1,100	
Two clerks, at $1,000 each	2,000	
One clerk	800	
One clerk	700	
		5,800.00
Claims—		
One clerk	1,800	
Two clerks, at $700 each	1,400	
		3,200.00
Status—		
One clerk	1,800	
One clerk	800	
Three clerks, at $600 each	1,800	
		4,400.00
Special uses—		
One clerk	2,100	
One clerk	1,500	
One clerk	1,000	
One clerk	800	
One clerk	700	
		6,100.00
Total for the office of lands		25,200.00
Accounts:		
Two clerks, at $1,800 each	3,600	
One clerk	1,700	
One clerk	1,600	
One clerk	1,500	
Three clerks, at $1,200 each	3,600	
One clerk	1,000	
Four clerks, at $900 each	3,600	
Two clerks, at $800 each	1,600	
Six clerks, at $700 each	4,200	
		22,400.00
Maintenance:		
Supervision, one clerk		1,800.00
Supplies—		
One clerk	1,400	
One clerk	800	
One carpenter	720	
Two clerks, at $700 each	1,400	
		4,320.00
Photography—		
One photographer	1,400	
One photographer	1,200	
One photographer	1,000	
One clerk	800	
		4,400.00
Record—		
One clerk	1,400	
One clerk	1,300	
One clerk	1,200	
One clerk	1,100	
Two clerks, at $1,000 each	2,000	
One carpenter	1,000	

FOREST SERVICE—Continued.

Maintenance—Continued.			
Record—Continued.			
Three clerks, at $900 each	$2,700		
One clerk	800		
Four messengers, at $720 each	2,880		
Three clerks, at $700 each	2,100		
Two messengers, at $700 each	1,400		
Three watchmen, at $700 each	2,100		
One electrician	700		
Ten clerks, at $600 each	6,000		
Two messengers, at $600 each	1,200		
Three messengers, at $400 each	1,200		
		$29,080.00	
Total estimate for fiscal year 1909			$144,300.00

COOPERATIVE WORK—FOREST INVESTIGATIONS.

Approximate estimate	$20,000.00	

No classified and detailed estimate can be made at this time, however.

[General expenses, Forest Service, $3,051,900.]

Salaries in Washington	$403,095.00	
Salaries outside of Washington	1,946,140.00	
Stationery	40,000.00	
Miscellaneous supplies, etc	215,950.00	
Furniture and office equipment	22,000.00	
Fuel	600.00	
Freight	1,000.00	
Express	4,000.00	
Telegraph	3,500.00	
Telephone	3,000.00	
Rent	50,000.00	
Gas and electricity	500.00	
Apparatus, etc	55,000.00	
Travel and station and field expenses	307,115.00	
Total amount estimated		3,051,900.00
Amount of above appropriation for fiscal year 1907	$1,920,468.66	
Amount of above appropriation for fiscal year 1908, including $1,020,000, Administration, etc., Forest Reserves (receipts) (increase of $856,331.34)	2,776,800.00	
Amount of above appropriation for fiscal year 1909 (increase of $275,100)	3,051,900.00	
Total estimate of all appropriations for Forest Service for fiscal year 1909		3,196,200.00

PROJECTS.

Office of the Forester.

General administration:	
Salaries	10,300.00
Field and travel expenses	5,800.00
Law:	
Salaries	12,905.00
Field and travel expenses	3,700.00
Dendrology:	
Salaries	7,400.00
Field, travel, and station expenses	1,800.00
Information:	
Salaries	5,200.00
Travel expenses	1,050.00

FOREST SERVICE—Continued.

Inspection:		
District 1—		
Salaries	$10,800.00	
Field, travel, and station expenses	6,500.00	
District 2—		
Salaries	9,400.00	
Field, travel, and station expenses	5,500.00	
District 3—		
Salaries	9,600.00	
Field, travel, and station expenses	6,500.00	
District 4—		
Salaries	10,100.00	
Field, travel, and station expenses	5,500.00	
District 5—		
Salaries	12,500.00	
Field, travel, and station expenses	6,500.00	
District 6—		
Salaries	9,500.00	
Field, travel, and station expenses	5,500.00	
Total for inspection		$97,900.00

Branch of Grazing.

Administration:		
Salaries		3,200.00
Field and travel expenses		1,400.00
Control:		
Supervision—		
Salaries		4,600.00
Field and travel expenses		2,200.00
Allotment—		
Salaries		2,200.00
Field and travel expenses		1,200.00
Adjustment—		
Salaries		2,000.00
Field and travel expenses		1,000.00
Permits, salaries		3,100.00
Development:		
Supervision—		
Salaries		5,000.00
Field and travel expenses		2,000.00
Fences—		
Salaries		2,000.00
Field and travel expenses		1,000.00
Forage—		
Salaries		7,000.00
Field and travel expenses		3,900.00
Water—		
Salaries		1,500.00
Field and travel expenses		900.00

Branch of Silviculture.

Administration:		
Salaries		2,400.00
Field and travel expenses		800.00
Extension:		
Supervision—		
Salaries		2,200.00
Field and travel expenses		1,000.00
Planting—		
Salaries		6,700.00
Field, travel, and station expenses		5,900.00
Reconnoissance—		
Salaries		5,400.00
Field and travel expenses		3,600.00

FOREST SERVICE—Continued.

Extension—Continued.	
Cooperation—	
Salaries	$5,600.00
Field, travel, and station expenses	4,400.00
Silvics:	
Supervision—	
Salaries	2,000.00
Field and travel expenses	820.00
Field studies—	
Salaries	8,280.00
Field and travel expenses	5,100.00
Library, purchase of books for branch libraries in the field	2,000.00
Compilation—	
Salaries	1,200.00
Field and travel expenses	500.00
Management:	
Supervision—	
Salaries	4,900.00
Field and travel expenses	2,000.00
Cooperation—	
Salaries	7,050.00
Field and travel expenses	4,025.00
Timber sales—	
Salaries	55,300.00
Field and travel expenses	31,875.00
Reconnoissance—	
Salaries	7,600.00
Field and travel expenses	6,050.00
Atlas—	
Salaries	8,700.00
Field and travel expenses	3,000.00
Branch of Products.	
Administration:	
Salaries	3,000.00
Field and travel expenses	800.00
Wood utilization	
Supervision—	
Salaries	3,000.00
Field and travel expenses	1,000.00
Drafting, salaries	10,800.00
Computing—	
Salaries	6,600.00
Travel expenses	900.00
Wood chemistry—	
Salaries	6,600.00
Field, travel, and station expenses	5,400.00
Wood uses—	
Salaries	27,400.00
Field, travel, and station expenses	12,800.00
Wood preservation:	
Salaries	18,400.00
Field, travel, and station expenses	4,600.00
Publication:	
Supervision—	
Salaries	2,900.00
Travel expenses	600.00
Articles—	
Salaries	3,600.00
Travel expenses	800.00
Education—	
Salaries	3,800.00
Travel expenses	800.00
Review—	
Salaries	1,000.00
Travel expenses	600.00
Distribution, salaries	1,500.00

FOREST SERVICE—Continued.

Branch of Operation.

Administration:		
Salaries		$3,000.00
Travel expenses		700.00
Organization:		
Supervision—		
Salaries		7,000.00
Travel expenses		8,000.00
Administration, protection, and improvement of the national forests—		
Alaska—		
Salaries	$17,280.04	
General expenses	7,740.69	
Arizona—		
Salaries	150.146.36	
General expenses	12,690.69	
California—		
Salaries	313.249.40	
General expenses	26.793.82	
Colorado—		
Salaries	210,320.00	
General expenses	20,177.50	
Idaho—		
Salaries	234.961.00	
General expenses	19,215.63	
Kansas, general expenses	1,047.95	
Minnesota—		
Salaries	11,600.00	
General expenses	4,000.00	
Montana—		
Salaries	270,990.48	
General expenses	24,171.60	
Nebraska—		
Salaries	7,799.36	
General expenses	7,436.88	
Nevada—		
Salaries	28,904.40	
General expenses	4,169.48	
New Mexico—		
Salaries	115.654.92	
General expenses	14,494.18	
Oklahoma—		
Salaries	5,462.78	
General expenses	369.19	
Oregon—		
Salaries	164.877.00	
General expenses	14,259.12	
South Dakota—		
Salaries	30.824.00	
General expenses	2.284.25	
Utah—		
Salaries	106.093.00	
General expenses	10.436.63	
Washington—		
Salaries	116.119.00	
General expenses	10,213.00	
Wyoming—		
Salaries	99,952.68	
General expenses	8,893.97	
Total salaries	1,884,240.42	
Total general expenses	188,394.58	
Total national forests		2,072,635.00

FOREST SERVICE—Continued.

Engineering:		
Salaries		$5,000.00
Field and travel expenses		2,400.00
Lands:		
Supervision—		
Salaries		2,500.00
Travel expenses		500.00
Boundaries—		
Salaries		40,300.00
Field and travel expenses		24,000.00
Settlement, salaries		1,100.00
Claims—		
Salaries		3,200.00
Field and travel expenses		50,000.00
Status, salaries		2,100.00
Special uses—		
Salaries		4,500.00
Travel expenses		1,200.00
Accounts, salaries		13,000.00
Maintenance:		
Purchase, salaries		1,500.00
Supplies—		
Salaries		5,820.00
Furniture and office equipment	$22,000.00	
Stationary and expendable office equipment	40,000.00	
Field equipment, etc	25,000.00	
Field instruments	30,000.00	
Law books	500.00	
		117,500.00
Photography—		
Salaries		3,480.00
Equipment		550.00
Supplies		4,000.00
Record—		
Salaries		38,260.00
Rent		25,000.00
Supplies		4,000.00
Miscellaneous—		
Telephone	$600.00	
Telegraph	3,500.00	
Freight	1,000.00	
Express	4,000.00	
Advertising	6,000.00	
		15,100.00
General contingent fund		100,000.00
Grand total		3,051,900.00
Total appropriations for the Forest Service for the fiscal year 1907, $2,089,940.71 (less amount available in fiscal year 1908, $134,908.57)		1,955,032.14
Total appropriations for administrative purposes for fiscal year 1908, $1,900,000 (plus balance on June 30, 1907, of $1,020,000 remaining under administration, etc., forest reserves, receipts, but omitting the balance remaining on June 30, 1907, of the $500,000 for the administration, protection, and improvement of the national forests; also the balance remaining of the $25,000 appropriated for survey and report on Appalachian and White Mountain watersheds) (increase of $964,967.86)		2,920,000
Total estimate of appropriations for fiscal year 1909 (increase of $276,200)		[a]3,196,200

[a] A separate estimate is to be submitted for such money as may be necessary for the dminsitration, protection, and development of the national forests.

FOREST SERVICE—Continued.

DETAILED RECEIPTS FOR THE FISCAL YEAR ENDING JUNE 30, 1907, DEPOSITED TO THE CREDIT OF THE APPROPRIATION: ADMINISTRATION, ETC., OF FOREST RESERVES.

National forest.	Timber sale.	Timber settlement.	Timber trespass.	Grazing.	Special privilege.	Total.
ALASKA.						
Alexander Archipelago	$3,162.85	$16.29	$112.50		$379.88	$3,671.52
ARIZONA.						
Baboquivari				$444.50		444.57
Black Mesa	1,436.75		59.70	18,375.54	578.85	20,450.84
Chiricahua	2,186.34			743.40	44.80	2,974.54
Dragoon						
Grand Canyon (N.)	227.00		3.00	3,047.23		3,277.23
Grand Canyon (S.)	140.00			2,504.95	521.00	3,165.95
Huachuca	1,475.56		2,829.63	2,695.01	31.00	7,031.20
Mount Graham	2,781.92		5.00	597.81	61.87	3,446.60
Pinal Mountains	385.10			200.05	80.50	665.65
Prescott	2,760.02			1,494.89	209.80	4,464.71
San Francisco Mountains	94,063.40		2.00	20,331.94	1,121.00	115,518.34
Santa Catalina	2.00			213.93	26.80	242.73
Santa Rita	70.00			1,870.12	87.39	202,027.51
Tonto	92.00			8,866.57	110.50	9,069.07
Tumacacori	70.00		78.75	350.15		498.90
Total	105,690.09		2,978.08	61,736.09	2,873.51	173,277.77
Refund						198.50
Net total						173,079.27
CALIFORNIA.						
Diamond Mountains	150.00	228.23		5,233.50	10.00	5,621.73
Klamath	2,427.08	5.00	449.90	2,873.66	195.33	5,950.97
Lassen Peak	10.00		197.80	5,178.80	34.00	5,420.60
Modoc				2,530.50	1,108.80	3,639.30
Monterey				232.55		232.55
Pinnacles				20.00		20.00
Plumas	1,841.15	170.37	30.75	2,722.81	33.00	4,798.08
San Bernardino	3,447.00	220.32	51.75	761.38	519.50	4,999.95
San Gabriel	44.75		1.00	238.90	853.50	1,138.15
San Jacinto	10.00		5.75	452.45	57.00	325.20
San Luis Obispo				681.60		681.60
Santa Barbara	2,536.55		100.00	4,507.60	545.15	7,689.30
Shasta	5,243.04		185.21	4,298.39	25.00	9,751.64
Sierra (N.)	23,185.43	220.00	130.53	8,166.57	1,589.18	33,300.71
Sierra (S.)	2,953.81	165.25	20.10	8,550.05	1,060.32	12,749.53
Sierra (E.)	110.00					110.00
Stanislaus	5,150.00	3,866.00	12.50	11,524.30	1,381.20	21,934.00
Stony Creek				7,627.17		7,627.17
Tahoe	4,048.18	1,250.00	2,357.68	7,135.63	264.00	15,055.49
Trabuco Canyon				148.60	20.00	168.60
Trinity	8.00	3,071.06	4,628.47	4,890.21	139.50	12,737.24
Warner Mountains	1,679.65	160.00	23.70	4,915.58	121.40	6,900.33
Yuba	620.04	15.75	179.36	6.25	20.00	841.40
Total	53,464.98	9,380.98	8,374.50	82,696.50	7,976.88	161,893.84
Refund						1,250.96
Net total						160,642.88
COLORADO.						
Battlement Mesa	326.55	242.96	3.60	8,491.55	206.55	9,271.21
Cochetopa	5,135.06	27.31		8,008.21	50.00	13,220.58
Fruita				126.60		126.60
Gunnison	4,125.95		701.25	4,020.45	152.55	9,000.20
Holy Cross	19,182.02	100.00	229.05	6,499.65	160.25	26,170.97
La Sal	50.00		58.00	135.70	24.50	268.20
Las Animas	50.00					50.00
Leadville	8,390.55	70.05	334.28	5,699.45	84.00	14,588.83
Medicine Bow	2,395.20	686.39	51.21	1,829.40	286.40	5,248.60
Montezuma	2,719.17	5.00	275.17	5,616.91	143.50	8,759.75
Ouray	100.00		222.58	2,248.80		2,571.38
Park Range	473.92		130.74	2,940.00	352.00	3,896.66
Pikes Peak	15,699.17	1,541.50	1,149.43	7,165.32	732.13	26,287.55
San Isabel	712.55		2.00	1,579.51	23.50	2,317.56
San Juan	3,244.37	103.50	323.70	15,978.55	91.00	19,741.12
Uncompahgre	719.50		.75	6,101.70	336.20	7,158.15
Wet Mountains	223.75		41.20	1,885.80	77.45	2,228.20
White River	2,168.08	4.00	5.60	6,834.60	51.30	9,063.58
Total	65,706.14	2,780.71	3,528.56	85,162.20	2,781.33	159,958.94
Refund						2,042.25
Net total						157,916.69

FOREST SERVICE—Continued.

DETAILED RECEIPTS FOR THE FISCAL YEAR ENDING JUNE 30, 1907, DEPOSITED TO THE CREDIT OF THE APPROPRIATION: ADMINISTRATION, ETC., OF FOREST RESERVES—CON.

National forest.	Timber sale.	Timber settlement.	Timber trespass.	Grazing.	Special privilege.	Total.
IDAHO.						
Bear River	$4,263.19		$407.47	$9,721.25		$14,391.91
Bitter Root	1,123.75		100.00	1,498.50	$65.50	2,787.75
Big Hole						
Caribou	20.00			27,343.87		27,363.87
Cabinet						
Cassia	5.00			4,100.80	10.40	4,116.20
Coeur d'Alene	5,877.06	25.00	2,048.45	7.60	10.00	7,968.11
Henrys Lake	8,766.02	779.65		9,904.67	99.83	19,550.17
Kootenai				43.00		43.00
Lemhi	319.25		142.31	5,542.40		6,003.96
Palouse						
Payette	4.25		2.50	9,519.91	111.00	9,637.66
Port Neuf						
Pocatello			55.14	72.20		227.34
Priest River	121.46	47.66		17.70		186.82
Raft River	325.00			2,243.70	1.00	2,569.70
Salmon River	131.50		587.45	5,067.90		5,786.85
Sawtooth	26,183.72		243.72	43,321.80	110.27	69,859.51
Weiser	7,365.11		1,231.85	14,624.18	69.25	23,340.39
Yellowstone (Teton)	668.00			4,355.19		5,023.19
Total	55,173.31	852.31	4,968.89	137,384.67	477.25	198,856.43
Refund						2,939.86
Net total						195,916.57
KANSAS.						
Garden City				1,193.93		1,193.93
MONTANA.						
Big Belt	4,179.84	154.88	679.82	11,625.35	147.75	16,787.62
Big Hole (N.)	102.75		1,466.79	8,670.80		10,240.34
Big Hole (S.)	6.05		21.72	8,531.80		8,559.57
Big Hole (Anaconda Division)						
Bitter Root	9,050.00	1,160.15	21.32	76.00		10,307.47
Cabinet (S.)	13.00		55.43			68.43
Crazy Mountains	20.00		535.20	6,761.18	31.60	7,347.98
Elkhorn	986.79		452.49	1,831.51		3,270.79
Ekalaka	138.71		156.90	105.55		401.16
Gallatin	8,159.97		499.07	3,863.38	62.20	12,584.62
Helena	9,027.74		12,926.12	5,602.30	210.55	27,766.71
Hell Gate	19,429.32	486.25	5,582.44	6,317.12	209.90	32,025.03
Highwood Mountains				1,563.20		1,563.20
Kootenai				55.35		55.35
Lewis and Clark (N.)	23,780.16			91.95	119.75	23,991.86
Lewis and Clark (S.)	25,564.00		2.00	2,045.30	118.00	27,729.30
Little Belt	5,047.12		439.44	8,797.80	5.00	14,289.36
Lolo	432.77		588.26	9.35		1,030.38
Long Pine	716.39		261.63	421.40	33.50	1,432.92
Little Rockies						
Madison	1,124.60	11.53	24.50	10,467.32	136.48	11,764.43
Missoula			60.93			60.93
Otter			140.00		140.00	140.00
Pryor Mountains	12.30			2,275.78		2,288.08
Snowy Mountains	300.00		408.72	849.55		1,558.27
Yellowstone (Absaroka)	4,880.09	55.50	670.85	2,513.50	241.47	8,361.41
Total	112,971.60	1,868.29	24,993.63	82,475.49	1,316.20	223,625.21
Refund						17,071.02
Net total						206,554.19
NEBRASKA.						
Dismal River				756.50		756.50
Niobrara				1,365.75		1,365.75
North Platte				8,015.25	38.80	8,054.05
Total				10,137.50	38.80	10,176.30
Refund						.20
Net total						10,176.10
NEVADA.						
Charleston			9,518.40	21.00		9,539.40
Independence				4,636.70		4,636.70
Ruby Mountains	20.00			5,358.65		5,378.65

FOREST SERVICE—Continued.

DETAILED RECEIPTS FOR THE FISCAL YEAR ENDING JUNE 30, 1907, DEPOSITED TO THE CREDIT OF THE APPROPRIATION: ADMINISTRATION ETC., OF FOREST RESERVES—CON.

National forest.	Timber sale.	Timber settlement.	Timber trespass.	Grazing.	Special privilege.	Total.
NEVADA—continued.						
Tahoe	$410.86		$293.98	$1,080.17		$1,785.01
Toiyobe						
Total	430.86		9,812.38	11,096.52		21,339.76
Refund						
Net total						21,339.76
NEW MEXICO.						
Big Burros	1,284.00		1,328.67	2,440.58		5,053.25
Gallinas	400.00		204.75	81.35		686.10
Gila (N. and S.)	18,111.66		761.72	20,582.83	$542.40	39,998.61
Guadalupe	8.65		41.55			50.20
Jemez	6,017.50	$15.00	21.31	22,508.83	43.50	28,606.14
Lincoln	266.85		1,032.43	5,749.22	212.40	7,260.90
Las Animas						
Magdalena	104.00		62.10	2,349.40		2,515.50
Manzano	50.00			2,484.96	3.50	2,538.46
Mount Taylor				130.65		130.65
Pecos River	1,990.30			810.84	22.30	2,823.44
Peloncillo				1,328.45		1,328.45
Portales				142.80		142.80
San Mateo	1,444.65		2,147.45	2,845.78	12.80	6,450.68
Taos	50.00		45.00	1,027.99		1,122.99
Total	29,727.01	15.00	5,644.98	62,483.68	836.90	98,707.57
Refund						2,566.98
Net total						96,140.59
OKLAHOMA.						
Wichita	76.90			1,115.85	62.25	1,255.00
OREGON.						
Ashland						
Blue Mountains (E.)	1,808.28	1,542.28	1,967.65	21,258.19	475.55	27,051.95
Blue Mountains (W.)	214.10		32.00	32,804.20	52.00	33,102.30
Bull Run						
Cascade (N.)	10,522.60	918.88	100.00	7,098.89	101.00	18,741.37
Cascade (S.)	490.50	50.00		6,075.99	319.00	6,935.49
Coquille						
Fremont	93.55			4,317.70	56.12	4,467.37
Goose Lake	48.63			11,550.74	18.00	11,617.37
Heppner				8,130.97		8,130.97
Imnaha (Chesnimnus and Wallowa)	1,163.15	151.43	742.42	20,694.66	36.20	22,787.86
Maury Mountains	351.26			413.68	10.00	774.94
Siskiyou			60.11	429.80		489.91
Tillamook						
Umpqua						
Wenaha	104.50			6,939.05	50.00	7,093.55
Total	14,796.57	2,662.59	2,902.18	119,713.87	1,117.87	141,193.08
Refund						1,284.17
Net total						139,908.91
SOUTH DAKOTA.						
Black Hills	23,171.42	207.08	349.74	3,128.80	332.80	27,189.84
Cave Hills				101.86	10.00	111.86
Short Pine				106.09	12.00	118.09
Slim Buttes				160.66	26.00	186.66
Total	23,171.42	207.08	349.74	3,497.41	380.80	27,606.45
Refund						84.19
Net total						27,522.26
UTAH.						
Aquarius	148.00			6,328.00	17.50	6,493.50
Bear River	81.75			3,896.15		3,977.90
Beaver	1,530.15			4,108.36		5,638.51
Dixie	245.25			1,675.85	6.00	1,927.10
Fillmore	349.50			4,050.21		4,399.71
Fish Lake	306.00		12.50	4,856.15	8.00	5,182.65

FOREST SERVICE—Continued.

DETAILED RECEIPTS FOR THE FISCAL YEAR ENDING JUNE 30, 1907, DEPOSITED TO THE CREDIT OF THE APPROPRIATION: ADMINISTRATION, ETC., OF FOREST RESERVES—CON.

National forest.	Timber sale.	Timber settlement.	Timber trespass.	Grazing.	Special privilege.	Total.
UTAH—continued.						
Glenwood	$42.00		$10.77	$2,313.45		$2,366.22
Grantsville				653.85		653.85
La Sal	300.80			2,490.05	$15.00	2,805.85
Manti	6,080.33			24,971.82	44.50	31,096.65
Monticello				6,751.50		6,751.50
Payson	30.00			2,711.93		2,741.93
Salt River				3,126.04		3,126.04
Salt Lake	278.45		5.40	181.60	395.30	860.75
Sevier	377.35			11,660.93	3.00	12,041.28
Uinta	14,476.46		136.37	40,021.48	25.60	54,659.91
Vernon				406.70		406.70
Wasatch	202.00			2,156.77	30.00	2,388.77
Total	24,448.04		135.04	122,360.84	544.90	147,518.82
Refund						a 11,945.02
Net total						135,573.80
WASHINGTON.						
Colville						
Olympic	1,179.00		5.50	12.90	242.50	1,439.90
Priest River						
Rainier	7,229.86		16.45	5,209.88	57.53	12,513.72
Washington (E.)	2,323.73	$28.00	850.82	3,123.66	500.00	6,826.21
Washington (W.)	11,251.30		307.13	137.50	17.00	11,712.93
Washington (Yakima)	75.00					75.00
Wenaha	250.00			5,037.75	10.00	5,297.75
Total	22,308.89	28.00	1,179.90	13,521.69	827.03	37,865.51
Refund						550.00
Net total						37,315.51
WYOMING.						
Big Horn	38,640.00			11,690.48	58.00	50,388.48
Bear Lodge	25.00					25.00
Black Hills	475.46		53.00	50.80		579.26
Caribou	10.00			1,955.40		1,965.40
Crow Creek				558.50		558.50
Medicine Bow	33,048.69		109.90	5,045.85	6.40	38,210.84
Sierra Madre	1,720.44		944.23	19,398.54	18.80	22,082.01
Uinta				112.80		112.80
Yellowstone (Sho.)	10,816.00			7,356.41	177.55	18,349.96
Yellowstone (Teton)	373.87		403.94	16,480.60	51.50	17,309.91
Yellowstone (W. R.)	6,321.05			6,966.10	50.00	13,337.15
Total	91,430.51		1,511.07	69,615.48	362.25	162,919.31
Refund						704.40
Net total						162,214.91
Grand total	602,564.42	17,811.25	66,436.45	863,920.32	20,326.00	1,571,059.44
Refund						40,737.56
Net total						1,530,321.88

a Includes $8,185.70 refund to Uinta Indians.

The receipts for the fiscal year 1908 are estimated at not less than $2,000,000.

NOTE.—All receipts subsequent to July 1, 1907, are deposited in the Treasury to the credit of "Miscellaneous receipts."

BUREAU OF CHEMISTRY.

[Salaries, Bureau of Chemistry, $66,720.]

One chemist, who shall be chief of bureau	$5,000.00	
One chief clerk (increase of $200 submitted)	1,800.00	
Two clerks, class 4 (increase of 1 submitted)	3,600.00	
Four clerks, class 3 (increase of 2 submitted)	6,400.00	
Six clerks, class 2 (increase of 2 submitted)	8,400.00	
One property clerk	1,600.00	
Nine clerks, class 1 (increase of 2 submitted)	10,800.00	
Eight clerks, at $1,000 each (increase of 3 submitted)	8,000.00	
NOTE.—One library clerk, at $900, dropped.		
One assistant property custodian	900.00	
Ten clerks, at $900 each (increase of 4 submitted)	9,000.00	
One engineer	1,200.00	
Two messengers, at $840 each	1,680.00	
One skilled mechanic (submitted)	900.00	
Three skilled laborers, at $720 each	2,160.00	
One skilled laborer	600.00	
One fireman	600.00	
Three messengers or laborers, at $600 each (submitted)	1,800.00	
Three messengers or laborers, at $480 each	1,440.00	
Two messengers or laborers, at $420 each	840.00	
Total amount estimated		$66,720.00

NOTE.—The salary of the chief clerk has been increased from $1,600 to $1,800. One clerk of class 4, two clerks of class 3, two clerks of class 2, two clerks of class 1, three clerks, at $1,000 each, four clerks, at $900 each, one skilled mechanic, at $900, and three messengers or laborers, at $600 each, have been added. One library clerk, at $900, has been dropped. Net increase, $18,800.

Amount of above appropriation for fiscal year 1907	$28,260.00
Amount of above appropriation for fiscal year 1908 (increase of $19,660)	47,920.00
Amount estimated for fiscal year 1909 (increase of $18,800)	66,720.00

The above force will perform the following duties:

Administrative and executive:		
One chief of bureau	$5,000.00	
One chief clerk	1,800.00	
		6,800.00
Supplies and accounts:		
One property clerk	1,600.00	
One clerk, class 2	1,400.00	
One clerk, class 1	1,200.00	
One clerk	1,000.00	
One clerk	900.00	
One assistant property custodian	900.00	
		7,000.00
Domestic and imported food and drug records (change of title):		
One clerk, class 3	1,600.00	
One clerk, class 2	1,400.00	
One clerk, class 1	1,200.00	
One clerk	1,000.00	
Two clerks, at $900 each	1,800.00	
		7,000.00
Library:		
One clerk	1,000.00	
One clerk	900.00	
		1,900.00
Editorial:		
One clerk, class 4	1,800.00	
One clerk	1,000.00	
One clerk	900.00	
		3,700.00

BUREAU OF CHEMISTRY—Continued.

Filing and indexing correspondence:			
One clerk, class 3	$1,600.00		
One clerk, class 1	1,200.00		
One clerk	1,000.00		
		$3,800.00	
Stenography, typewriting, and miscellaneous records:			
Three clerks, class 2	4,200.00		
Two clerks, class 1	2,400.00		
Three clerks, at $1,000 each	3,000.00		
Three clerks, at $900 each	2,700.00		
		12,300.00	
Engine and machine room:			
One engineer	1,200.00		
One fireman	600.00		
One skilled laborer	720.00		
One skilled mechanic	900.00		
One skilled laborer	600.00		
		4,020.00	
Messengers, cleaning, miscellaneous labor:			
Two messengers, at $840 each	1,680.00		
Two skilled laborers, at $720 each	1,440.00		
Three messengers, at $600 each	1,800.00		
Three laborers, at $480 each	1,440.00		
Two laborers, at $420 each	840.00		
		7,200.00	
Guaranty records:			
One clerk, class 2	1,400.00		
One clerk, class 1	1,200.00		
One clerk	900.00		
		3,500.00	
Inspection records:			
One clerk, class 3	1,600.00		
Two clerks, class 1	2,400.00		
One clerk	900.00		
		4,900.00	
Records of hearings and citations:			
One clerk, class 4	1,800.00		
One clerk, class 3	1,600.00		
One clerk, class 1	1,200.00		
		4,600.00	
Total			$66,720.00

[Laboratory, Department of Agriculture, 1909—$750,000.]

Lump-fund salaries in Washington	$190,800.00	
Lump-fund salaries outside of Washington	265,700.00	
Stationery	8,000.00	
Miscellaneous supplies and services, equipment, books, machinery, etc	62,860.00	
Furniture	3,000.00	
Freight	1,500.00	
Express	2,500.00	
Telegraph	450.00	
Telephone	500.00	
Rent	16,650.00	
Gas and electricity	2,000.00	
Apparatus, instruments, and laboratory material	97,740.00	
Travel and station and field expenses	98,300.00	
Total		750.000.00
Amount of above appropriation (including "Laboratory, Department of Agriculture" and "Enforcement of the food and drugs act") for fiscal year 1907	395,920.00	

BUREAU OF CHEMISTRY—Continued.

Amount of above appropriation for fiscal year 1908 (increase of $254,080)	$650,000.00	
Amount of above appropriation for fiscal year 1909 (increase of $100,000)	750,000.00	
Total of all appropriations estimated for the Bureau of Chemistry for the fiscal year 1909		$816,720.00

PROJECTS.

1. Administrative—Office, clerical, and editorial:		
Salaries	$9,500.00	
Traveling expenses	2,500.00	
Supplies	7,300.00	
		20,000.00
2. Food division—For carrying on previous work and study of new methods of analyses and methods for detection of adulteration in foods. The number of check analyses and the entire work of the laboratory in connection with the food and drugs act has been greatly increased:		
Salaries	42,000.00	
Traveling expenses	2,500.00	
Supplies	12,350.00	
General expenses	2,500.00	
		59,350.00
3. Drug laboratory—For carrying on previous work and for study of new problems in drugs and their analysis. The checking of the analyses of branch laboratories and the analyses of samples in connection with food and drugs act has greatly increased the work in this laboratory.		
Salaries	38,000.00	
Traveling expenses	2,000.00	
Supplies	9,320.00	
General expenses	1,200.00	
		50,520.00
4. Branch food and drug inspection laboratories—For analysis of samples, for conducting hearings and other work in connection with enforcement of food and drugs act; five additional laboratories to be established in cities in territory in which no laboratories have yet been opened:		
New York laboratory—		
Salaries	25,000.00	
Traveling expenses	1,500.00	
Supplies	7,000.00	
General expenses	2,000.00	
		35,500.00
Boston laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00
San Francisco laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00

BUREAU OF CHEMISTRY—Continued.

4. Branch food and drug inspection laboratories, etc.—Continued.		
New Orleans laboratory—		
Salaries	$7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		$11,700.00
Philadelphia laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00
Chicago laboratory—		
Salaries	13,900.00	
Traveling expenses	800.00	
Supplies	4,500.00	
General expenses	1,300.00	
Rent	1,800.00	
		22,300.00
Denver laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
Rent	1,200.00	
General expenses	600.00	
		12,900.00
Detroit laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
Rent	600.00	
General expenses	600.00	
		12,300.00
Buffalo laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00
Galveston laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00
Kansas City laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00
Savannah laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00
Portland laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	

BUREAU OF CHEMISTRY—Continued.

4. Branch food and drug inspection laboratories, etc.—Continued.		
Portland laboratory—Continued.		
Rent	$1,260.00	
General expenses	600.00	
		$12,960.00
Seattle laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
Rent	1,500.00	
General expenses	600.00	
		13,200.00
Cincinnati laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
Rent	1,500.00	
General expenses	600.00	
		13,200.00
St. Paul laboratory—		
Salaries	7,700.00	
Traveling expenses	500.00	
Supplies	2,900.00	
General expenses	600.00	
		11,700.00
Total for branch laboratories		227,660.00
Five additional branch laboratories (each)—		
Cost of original equipment	2,500.00	
Maintenance for nine months—		
Salaries	5,000.00	
Supplies	2,100.00	
General expenses	400.00	
	10,000.00	
Total, 5 additional branch laboratories		50,000.00
5. Inspection work—For inspection work, collecting samples, inspecting food factories and plants in connection with enforcement of food and drugs act. It will be necessary to increase the number of inspectors to at least 50.		
Salaries, 50 inpsectors—		
Average salary	1,600.00	
Traveling expenses	1,500.00	
Samples	500.00	
	3,600.00	
Total, 50 inspectors		180,000.00
6. Miscellaneous laboratory—For carrying on previous work and investigations. The work on mineral waters and cattle foods in connection with food and drugs act has been greatly increased. The insecticide and fungicide investigations are increasing rapidly, as is also the study of effect of trade wastes on vegetation.		
Salaries	15,000.00	
Traveling expenses	1,200.00	
Supplies	2,890.00	
General expenses	600.00	
		19,690.00

BUREAU OF CHEMISTRY—Continued.

7. Dairy laboratory—For carrying on previous work. The work of this laboratory has been greatly increased by enforcement of food and drugs act:		
Salaries	$8,500.00	
Traveling expenses	100.00	
Supplies	2,900.00	
General expenses	300.00	
		$11,800.00
8. Leather and paper laboratory—For continuation of the study of tanning materials with reference to the utilization of such products as grow quickly, or which have hitherto been little used, with a view of supplementing the rapidly decreasing supply; for the study of physical and chemical qualities of leather, and of the principles of rapid tanning; for studying papers for various uses, and the preparation of standard specifications for such papers; for investigation of new raw materials for pulp and paper making; for the investigation of the production and industrial application of wood turpentine and the study of the destructive distillation of woods; for testing paper supplied by contractors to the Government Printing Office, Post-Office Department, and other Departments:		
Salaries	6,500.00	
Traveling expenses	400.00	
Supplies	1,800.00	
General expenses	300.00	
		9,000.00
9. Sugar laboratory—For continuation of previous work; for studying effect of environment and processes of manufacture upon composition of beet molasses; for study of chemical methods employed in the analysis of sugars and carbohydrates; for examination of samples of sugars and sirups in connection with the enforcement of the food and drugs act. This part of the work has been greatly increased:		
Salaries	8,000.00	
Traveling expenses	150.00	
Supplies	2,900.00	
General expenses	150.00	
		11,200.00
10. Contracts laboratory—Continuation and extension of tests of contract supplies furnished by contractors to this and other Departments; the study of methods of testing and the preparation of specifications. The testing of scientific apparatus for the new branch laboratories has increased the work of this laboratory:		
Salaries	8,500.00	
Traveling expenses	150.00	
Supplies	2,700.00	
General expenses	450.00	
		11,800.00

BUREAU OF CHEMISTRY—Continued.

11. Micro-chemical laboratory—For continuation of previous work; for the microscopic examination of samples in connection with the food and drugs act, the number of which has been greatly increased:		
Salaries	$5,000.00	
Traveling expenses	250.00	
Supplies	2,070.00	
General expenses	400.00	
		$7,720.00
12. Bacteriological investigations—Bacteriological examination of samples and for studying the wholesomeness and sanitary condition of foods in connection with the enforcement of the food and drugs act; for investigating in collaboration with drug laboratory the sterility of various dressings, bandages, pads, ligatures, gauzes, etc., used in surgery; for continuation of previous investigations:		
Salaries	6,000.00	
Traveling expenses	250.00	
Supplies	1,570.00	
General expenses	300.00	
		8,120.00
13. Animal physiological chemistry—Continuation and extension of previous work; all the analytical work in connection with these studies, which was previously done in the food division, has been transferred to this laboratory, necessitating an increase in the number of analysts employed. This change was made on account of increased work in food division in connection with the enforcement of food and drugs act:		
Salaries	12,500.00	
Traveling expenses	250.00	
Supplies	4,190.00	
General expenses	500.00	
		17,440.00
14. Vegetable physiological chemistry—Continuation and extension of previous work in collaboration with Bureau of Plant Industry; study of the influence of fertilizers, especially phosphate salts, on the gluten content of wheat; study of the influence of preceding legume crops on the gluten content of wheat; study of barley and malts; for the continuation and completion of the work previously done in plant analysis laboratory:		
Salaries	11,300.00	
Traveling expenses	250.00	
Supplies	3,650.00	
General expenses	500.00	
		15,700.00
15. Special investigations:		
For studying effect of cold storage on foods		6,000.00
For examination for nitrogen of all samples requiring such test. This work has been greatly increased by increase of samples under food and drugs act		7,000.00
For study of effect of environment on sweet Indian corn		4,000.00

BUREAU OF CHEMISTRY—Continued.

15. Special investigations—Continued.

For study of fermentation in cider and fruit juices as affecting the chemical composition of their products		$3,000.00
For special chemical investigations conducted for or in collaboration with other Departments as requested; for employment of secret-service men and others for investigations in connection with enforcement of food and drugs act		30,000.00
Salaries	34,000.00	
Traveling expenses	4,000.00	
Supplies	10,000.00	
General expenses	2,000.00	
		50,000.00
Total appropriations for the Bureau of Chemistry for the fiscal year 1907		424,180.00
Total appropriations for fiscal year 1908 (increase of $273,740)		697,920.00
Total estimate of appropriations for fiscal year 1909 (increase of $118,800)		816,720.00

BUREAU OF SOILS.

[Salaries, Bureau of Soils—$40,600.]

One soil physicist, who shall be Chief of Bureau (increase of $500 submitted)		4,000.00
One chief clerk		2,000.00
Two clerks, class 4		3,600.00
Two clerks, class 3 (increase of 1 submitted)		3,200.00
Four clerks, class 2 (increase of 1 submitted)		5,600.00
Eight clerks, class 1 (increase of 2 submitted)		9,600.00
One draftsman		1,200.00
One draftsman		1,000.00
Four clerks, at $1,000 each		4,000.00
Three clerks, at $840 each		2,520.00
One carpenter		840.00
One photographer		1.000.00

NOTE.—One fireman, at $840, and 2 watchmen, at $720, each have been dropped.

One messenger		720.00
One messenger or laborer		480.00
One charwoman or laborer		480.00
One messenger boy		360.00
Total amount estimated		$40,600 00

NOTE.—The salary of the Chief of Bureau has been increased from $3,500 to $4,000. One clerk, class 3; 1 clerk, class 2, and 2 clerks, class 1, have been added, and 1 fireman, at $840, and 2 watchmen, at $720, have been dropped. Net increase, $3,620.

Amount of above appropriation for fiscal year 1907		36,400.00
Amount of above appropriation for fiscal year 1908 (increase of $580)		36,980.00
Amount estimated for fiscal year 1909 (increase of $3,620)		40.600.00
The employees named above will perform the following duties:		
Administration and supervision:		
Chief of Bureau	$4,000.00	
Chief clerk	2,000.00	
One clerk, class 3	1,600.00	
One clerk, class 2	1,400.00	
		9,000.00

BUREAU OF SOILS—Continued.

Records and correspondence:			
Five clerks, class 1	$6,000.00		
Three clerks, at $1,000	3,000.00		
Two clerks, at $840	1,680.00		
		$10,680.00	
Field records and map section:			
One clerk, class 4	1,800.00		
One clerk, class 1	1,200.00		
One draftsman	1,200.00		
One draftsman	1,000.00		
One clerk, at $1,000	1,000.00		
One clerk, at $840	840.00		
One photographer	1,000.00		
		8,040.00	
Editorial section:			
One clerk, class 4	1,800.00		
Two clerks, class 2	2,800.00		
One clerk, class 1	1,200.00		
		5,800.00	
Accounts:			
One clerk, class 3	1,600.00		
One clerk, class 2	1,400.00		
		3,000.00	
Property clerk, one clerk, class 1	1,200.00	1,200.00	
Messengers, fireman, carpenter, watchmen, laborers, charwomen, etc.:			
One messenger, at $720	720.00		
One carpenter, at $840	840.00		
One messenger boy, at $360	360.00		
One messenger or laborer, at $480	480.00		
One charwoman or laborer, at $480	480.00		
		2,880.00	
Total			$40,600.00

[Soil investigations, 1909—$200,000.]

Salaries		140,000.00	
Stationery		1,200.00	
Miscellaneous supplies and services		3,155.00	
Furniture		300.00	
Freight		125.00	
Express		210.00	
Telegraph		80.00	
Telephone		30.00	
Apparatus, instruments, and laboratory material		2,250.00	
Travel and station and field expenses		52,650.00	
			200,000.00
Amount of above appropriation for fiscal year 1907		185,000.00	
Amount of above appropriation for fiscal year 1908 (decrease of $15,000)		170,000.00	
Amount estimated for fiscal year 1909 (increase of $30,000)		200,000.00	
Total amount estimated for all appropriations for the Bureau of Soils for the fiscal year 1909			240,600.00

PROJECTS.

Soil survey.

The demand for soil-survey work is very great. There are now on file in the Bureau of Soils requests for the survey of nearly 400 different areas in the various States and Territories. The requests for this work are sent to the Bureau as petitions from citizens of different counties, from boards of trade, from chambers of commerce of cities located in prominent agricultural districts, from experiment stations, from large development companies, from railroads to aid in their development work, from horticultural societies,

BUREAU OF SOILS—Continued.

from State departments of agriculture, State geological surveys, and from various other sources.

With the present appropriation the Bureau averages about 40 areas each year, so that with its present force it would require nearly ten years to complete the surveys for which applications are now on file. The following distribution of the work, based upon the estimates submitted by the Secretary of Agriculture, is contemplated for the fiscal year 1909.

Administration:	
Salaries	$4,800.00
Traveling expenses	500.00
	5,300.00
Inspection and correlation:	
Salaries	2,000.00
Traveling expenses	1,000.00
	3,000.00

Reconnoissance surveys.

Appalachian fruit belt: Work contemplated here is taken up under soil utilization.

Abandoned farms: Work contemplated here is taken up under soil utilization.

Cotton soils: Work contemplated here is taken up under soil utilization.

Piedmont plateau: Work contemplated here is taken up under soil utilization.

Special surveys, experiment station farms: This work will be continued during the fiscal year 1909, and, as opportunity permits, detailed soil surveys on a scale of 1 inch to the acre will be made of the experiment station farms in the United States.

County and areal surveys.

The actual selection of areas to be surveyed is finally decided in September for the fall and winter assignments of the field parties, and in February for the spring and summer assignments, and the exact areas to be surveyed in the fiscal year 1909 and the estimated cost of each can not be stated prior to the actual assignments. The estimated expenditures to be made and the approximate number of square miles in each of the grand divisions of the United States, based upon the work done in 1907 and in previous years, and the applications now on file in the Bureau, are as follows:

North Atlantic Division: There are on file in the Bureau of Soils 22 requests for soil surveys in this division, aggregating over 10,000 square miles. With due regard to requests from other sections of the country, and the estimates of appropriations, 10 areas should be surveyed during the fiscal year 1909, covering an aggregate area of 3,150 square miles, at an estimated cost of—

Salaries	$7,812.00
Field expenses	3,906.00
Total	11,718.00

The proposed distribution of this work and the agricultural interests which will be served are as follows:

New Hampshire.—Two requests are on file for soil surveys in this State, to furnish information regarding the soils and their adaptation to crops in connection with the investigations of the abandoned farm situation, which this Bureau has been studying in cooperation with the New Hampshire Experiment Station. In the interest of the work of rejuvenating the farming industry of that State, which has been rapidly pushed forward, the survey of at least one of these areas should be undertaken during the fiscal year 1909.

New York.—Applications are on file for the soil survey of 11 different areas in this State. These petitions come from grange associations of various counties, the horticultural department of Cornell University, the New York State department of agriculture, and from other sources. The character of these requests indicates the need of this work in the development of the truck, hop, alfalfa, tobacco, and fruit interests, as well as of the dairying and other special industries of the State. At least 3 areas should be surveyed in this State during the fiscal year 1909.

Maine.—The Maine Agricultural Experiment Station has requested a survey in Aroostook County, where the soils are largely devoted to potato culture, and it is highly desirable that such a survey should be made during the fiscal year 1909.

New Jersey.—One request is on file for soil-survey work in this State, the object being to show the agricultural possibilities of large areas of overflowed land now being reclaimed by the State.

BUREAU OF SOILS—Continued.

Rhode Island.—A soil survey of the entire State has been completed.

Pennsylvania.—Requests and petitions are on file for the soil survey of 5 areas in this State. These have been submitted by agricultural associations, the experiment stations, and individuals. The most urgent requests appear to be from the fruit interests, which are rapidly spreading into the mountains and high-plateau section of the State. It is desired that reliable information be furnished as to the adaptation of the soil to the different varieties of fruit. These requests in the interest of fruit culture are not confined to particular counties, but are for large areas, covering a considerable portion of the State. Tobacco and general farming interests are also represented. It is desirable that at least 3 areas be surveyed in this State during the fiscal year 1909.

South Atlantic Division: There are on file 103 requests for soil surveys in this important division, aggregating over 50,000 square miles. With due regard to requests from other sections of the country and the estimates of appropriations, 14 areas, covering an aggregate area of 4,900 square miles, should be surveyed during the fiscal year 1909.

The estimated cost of this work is:

Salaries	$12,152.00
Field expenses	6,076.00
Total	18,228.00

The proposed distribution of these surveys and the agricultural interests which will be served are as follows:

Florida.—Requests are on file from State officials, farmers, officials of various county school boards, railroad interests, and agricultural societies, asking for the soil survey of 13 areas in this State. At least two areas should be surveyed during the fiscal year 1909.

Maryland.—There are on file requests from the State geological survey and the State board of immigration for a soil survey of 3 areas in this State. It appears that at least 2 areas should be surveyed during the fiscal year 1909; 1 in the Coastal Plain region, in the interest of the truck growers, and 1 in the northern central part of the State, where general farming is practiced and where the type of farming is changing to conform with developments in other parts of the country.

North Carolina.—Requests are on file for the soil survey of 15 areas in this State. These requests come from development companies, bankers, railroads, farmers' associations, the State department of agriculture, the State geological survey, and include as well petitions from leading citizens and farmers. The State department of agriculture is cooperating in this work in a very efficient manner, and at least 2 areas should be surveyed during the fiscal year 1909.

Georgia.—Requests are on file for the soil survey of 19 areas in this State. They have been submitted by the colonization departments of several of the large railroads, influential citizens, and State officials of various counties, the district agricultural school authorities, and from large corporations interested in the production of high-grade cigar tobacco. The interests involved represent fruit, truck, tobacco, cotton, dairying, and general farming. At least 2 areas should be surveyed in this State during the fiscal year 1909.

South Carolina.—Applications are on file for the soil survey of 19 areas in this State. The requests come from the experiment station, chambers of commerce, citizens' associations, railroads, and others interested in the development of the agricultural and soil resources of the State. It is desirable that at least 2 areas should be surveyed during the fiscal year 1909.

Virginia.—Requests and petitions are on file for a soil survey of 24 areas in this State. These requests are made in the interest of truck growers, fruit growers, tobacco growers, and those engaged in general farming. The requests come from county organizations, farmers' organizations, boards of supervisors, business men's associations, the experiment station, lumber companies, railroads, and other organizations, as well as from individuals interested in the greater development of the soil resources of the State. The survey of at least 2 areas should be made during the fiscal year 1909.

Owing to the great interest in agricultural development in Virginia, and the urgency of the requests for information regarding the soils, their treatment, and crop adaptations, this amount of work is wholly inadequate, but is probably the best that can be done with justice to similar demands for work in other States.

West Virginia.—Requests are on file for the soil survey of 10 areas in this State. The petitions come from farmers' associations, large landowners, and loan companies who desire information regarding the agricultural possibilities of various sections of the State, and from the State geological survey, which organization is closely and efficiently cooperating with the Bureau. At least 2 areas should be surveyed during the fiscal year 1909, to provide information for the development of agricultural interests, particularly of the fruit interests, which are rapidly becoming more important.

BUREAU OF SOILS—Continued.

North Central Division: There are on file requests and petitions for the soil survey of 85 areas in this division, aggregating over 43,000 square miles. With due regard to requests from other sections of the country, and the estimates of appropriations, 12 areas should be surveyed during the fiscal year 1909. These will cover an aggregate area of 6,200 square miles at an estimated cost of—

Salaries	$10,416.00
Field expenses	5,208.00
Total	15,624.00

The proposed distribution of this work and the agricultural interests which will be served are as follows:

Indiana.—Requests are on file for the soil survey of 12 areas in this State. These requests are from county organizations and leading citizens and farmers. They have particular reference to the unproductive soils of certain portions of the State and to the use of marsh lands now being reclaimed, upon which trouble is experienced in growing agricultural crops. At least 1 area should be surveyed during the fiscal year 1909.

Illinois.—Requests and petitions for the soil survey of five areas in this State have been received from leading citizens, county officials, bank associations, and railroad interests.

Kansas.—Requests are on file for the soil survey of 4 areas in this State. These are made by investment and loan companies, by citizens, and by the State university. At least 2 areas should be surveyed in this State during the fiscal year 1909.

Michigan.—Requests are on file for the soil survey of 11 areas in this State. These requests are made by horticultural associations, paper companies owning large tracts of pine lands which are being cut over, large iron companies, the State geological survey, and by others who are interested in the extension of the sugar-beet industry. At least one county should be surveyed in the interest of the sugar-beet growers during the fiscal year 1909.

Minnesota.—Requests are on file for the extension of the soil survey to cover four additional areas in this State. These requests come from the experiment station, county associations, commercial clubs, and from the State engineering department. The objects involved are particularly the utilization, agricultural value, and mode of treatment of vast areas of overflow and swamp lands now being reclaimed, and the further development of areas suited to the farm crops and to certain special industries. At least one area should be surveyed to aid in determining the crop adaptation of reclaimed swamp lands, as this seems to be one of the most difficult questions with which the citizens of the State have to deal.

Iowa.—Requests are on file for the soil survey of 6 areas in this State. These are in the form of petitions from leading citizens and landowners, representing particularly the sugar-beet industry, the work being desired to show the extension of soils best suited to this crop. At least 1 area should be surveyed in this State during the fiscal year 1909.

Missouri.—There are on file requests from the State geological department, the State experiment station, and petitions from leading citizens of various counties, asking that surveys be made in 12 different areas in this State. It is desirable that at least 1 area should be surveyed during the fiscal year 1909, and this should be selected to serve the interests of the fruit industry, which is rapidly developing to large proportions.

Nebraska.—Petitions and requests received from leading citizens, county officials, farmers' clubs, the State experiment station, and the State university asking for the soil survey of 15 areas in this State. At least 1 area should be surveyed during the fiscal year 1909, in the north-central part of the State, where as yet no detailed soil survey has been made and little is known of the soils or their crop adaptations.

North Dakota.—Requests and petitions are on file for the soil survey of 4 areas in this State. These have been submitted by citizens' associations, by railroad interests, and by the State agricultural and economic survey. The State is cooperating in a very efficient manner in this work, and at least 2 areas should be surveyed during the fiscal year 1909.

While many more requests are on file from some other States, perhaps nowhere is the value and practical importance of the soil survey more fully realized than in some of the sparsely settled areas in North Dakota. New lands are being taken up for agriculture with little experience to guide the farmers as to the character and treatment of their lands, or as to the crops which can best be grown. The districts are now being rapidly settled and it is important that tese httlers make as few mistakes as possible, and that the necessity for empirical experiment be reduced to a minimum.

BUREAU OF SOILS—Continued.

Ohio.—Requests, supported by petitions from landowners and grangers, are on file for the soil survey of 3 areas in this State. At least 1 area should be surveyed during the fiscal year 1909.

Wisconsin.—Requests are on file for the soil survey of 9 areas in this State. These have come from companies and individuals owning large tracts of swamp lands which are being reclaimed and upon which it is difficult to establish agricultural crops; also from those interested in the development of the cut-over timber lands, in the question of vegetable growing for the Chicago market, and in the extension of dairying. At least 1 area, looking to the utilization of the vast section of cut-over pine lands, should be surveyed during the fiscal year 1909.

South Central Division: There are on file in the Bureau of Soils requests for the survey of 134 areas, aggregating over 67,000 square miles. With due regard to requests from other sections of the country and the estimates of appropriations, 17 areas should be surveyed during the fiscal year 1909. These will cover an aggregate area of 6,800 square miles, at an estimated cost of—

Salaries	$14,759.00
Field expenses	7,375.00
Total	22,134.00

The proposed distribution of this work and the agricultural interests which will be served are as follows:

Alabama.—Applications are on file for the soil survey of 27 areas in this State. These requests are supported by petitions of farmers, county agricultural societies, colonization departments of various railroads, lumber companies, the officials of recently established high schools, and by State officials.

The State legislature has appropriated $10,000 annually for four years to be used in cooperation with and under the advice and direction of the Bureau of Soils, with a view to hastening the completion of the soil survey of the entire State. With this fund, supplemented by what the Bureau can reasonably be expected to expend, it is estimated that the work in this State can be finished in about five and a half years. At least 6 areas should be surveyed in this State during the fiscal year 1909, the State paying approximately one-half of the cost of the work.

Kentucky.—Requests and petitions from leading citizens and landowners are on file for the soil survey of 2 areas in this State.

Arkansas.—Applications are on file for the soil survey of 18 areas in this State. These come as petitions from farmers, boards of trade, county officials, colonization departments of railroads, lumber companies, horticultural interests, and the experiment station. At least 1 area should be surveyed during the fiscal year 1909.

Oklahoma.—Requests are on file for the soil survey of 6 areas in this State. These are in the form of petitions from farmers' unions, county officials, and the State board of agriculture. At least 1 area should be surveyed during the fiscal year 1909.

Louisiana.—Applications are on file for the soil survey of 5 areas. These carry the indorsement of the experiment station, the State geological survey, railroad interests, and farmers' organizations. At least 2 areas should be surveyed in this State during the fiscal year 1909.

Mississippi.—Applications are on file for the soil survey of 9 areas in this State. These applications are supported by petitions from farmers, commercial clubs, boards of trade, and various railroad interests. At least 2 areas should be surveyed in this State during the fiscal year 1909.

Tennessee.—Applications are on file for the soil survey of 21 areas in this State, coming from business men's leagues, large landowners, from citizens from all parts of the State, and from the experiment station. The interests represented are fruit, in the eastern part of the State; tobacco and general farm crops, in the central part; cotton and associated crops, in the western part, and the development of the barrens in the highland rim. At least two areas should be surveyed in this State during the fiscal year 1909. The petitions supporting these requests are numerous and particularly strong and urgent.

Texas.—Applications are on file for the soil survey of 46 areas in this State. These petitions are from farmers' organizations, rice, tobacco, and truck associations, irrigation companies, educational institutions, boards of trade, chambers of commerce, and the colonization departments of various railroads, all seeking information and guidance in the great agricultural development taking place in the State. At least 3 areas should be surveyed in this State during the fiscal year 1909, although from the numerous urgent requests much more work should be done immediately if it *can possibly* be arranged. The State is so large and the interests so numerous and *settlement so* rapid that at least 6 soil-survey parties should be continuously at work in *Texas.*

BUREAU OF SOILS—Continued.

Western Division: There are on file in the Bureau of Soils, requests for the soil survey of 50 areas aggregating over 25,000 square miles. With due regard to requests from other sections of the country and the estimates of appropriations, 8 areas, covering an aggregate area of 2,400 square miles, should be surveyed during the fiscal year 1909, at an estimated cost of—

Salaries	$6,944.00
Field expenses	3,472.00
Total	10,416.00

The proposed distribution of this work and the agricultural interests which will be served are as follows:

California.—Applications are on file for the soil survey of 25 areas in this State. These applications are from chambers of commerce, development associations, irrigation companies, State water and forest associations, horticultural societies, sugar-beet interests, viticultural interests, superintendents of public schools, State officials, colonization departments of railroads, boards of supervisors, and various other interests concerned in the further development of existing agricultural industries, in the reclamation of alkali and swamp lands, in the breaking up of large holdings, and in the extension of agriculture into unoccupied areas. The survey of at least 3 areas should be made in this State during the fiscal year 1909.

The demand for soil survey work in this State is very large and very urgent, and much more work should be done than can possibly be accomplished with present appropriations, giving due consideration to the demands from other sections of the country.

Washington.—Applications are on file for the soil survey of 3 areas in this State. These are in the form of petitions from farmers, requests from irrigation and lumber companies, and others interested in the development of large tracts of land now ready for settlement, or being rapidly cut over, and soon to be opened up for agriculture. At least 1 area should be surveyed during the fiscal year 1909.

Colorado.—Applications are on file for the soil survey of 4 areas in this State. These are supported by petitions from leading farmers and fruit growers, chambers of commerce, irrigation companies, and sugar-beet interests. At least 1 area should be surveyed during the fiscal year 1909. Taking everything into consideration, it seems advisable to place the survey where it may assist in the development of the important fruit growing interest.

Idaho.—Applications are on file for the soil survey of 4 areas in this State. These are supported by farmers' petitions and by requests from irrigation companies and the experiment station. To aid in the agricultural development taking place under the extension of new irrigation systems, at least 1 area should be surveyed during the fiscal year 1909.

Montana.—Applications are on file for the soil survey of 4 areas in this State. These are requests made by irrigation companies, the colonization departments of railroads, and the United States Reclamation Service. One area in this State should be surveyed during the fiscal year 1909.

Nevada.—Informal requests have been made by the colonization department of a new railroad traversing the southern section of the State, for the survey of several different areas in southern Nevada.

New Mexico.—A petition is on file made by a chamber of commerce, also informal requests from officials of the experiment station for a soil survey of the Mesilla Valley.

Oregon.—Applications are on file for the soil survey of 4 areas in this State. These are supported by petitions of leading citizens, particularly in the interest of the development of the fruit industry. At least 1 area should be surveyed during the fiscal year 1909.

Utah.—Applications, submitted by irrigation companies, sugar-beet companies, and the colonization departments of railroads, are on file requesting the soil survey of 3 areas in this State.

Wyoming.—Several informal requests have been made for soil surveys in different sections of the State.

Traveling expenses between areas	$4,000.00
General field supplies	1,500.00
Total estimated allotments, Soil Survey	91,920.00

BUREAU OF SOILS—Continued.

Soil management investigations.

Administration and inspection of field work:	
Salaries	$2,500.00
Traveling expenses	900.00
Total	3,400.00
Fertilizer requirements of soils:	
Salaries	2,000.00
Field expenses and supplies	76.67
Total	2,076.67
Plot experiments with fertilizers:	
Salaries	2,200.00
Field expenses	100.00
Total	2,300.00
Investigation of greenhouse soils:	
This work has for its object a better understanding of the adaptation of soils to classes of greenhouse plants, such as roses, carnations, violets, etc., together with the production of winter vegetables, and includes not only the soil adaptation to the general classes, but to the varieties of these classes as well as the most economical and most efficient use of manures and fertilizers:	
Salaries	1,400.00
Field expenses	800.00
Total	2,200.00
Investigation and demonstration of efficient methods of soil management:	
The object of this work is to give, in the field, practical advice to farmers in regard to better methods of soil management, and crop cultivation, with a view of increasing the yields and at the same time maintaining the fertility of the land. This work is done in connection with truck, fruit, and general farm crops:	
Salaries	2,800.00
Field expenses	1,200.00
Total	4,000.00
Educational work and location of school farms:	
The work will be conducted in the States of Alabama, Georgia, and Texas until completed, and then extended to other States which are making provision for agricultural education by the establishment of agricultural schools.	
Salary	2,000.00
Traveling expenses	1,000.00
Total	3,000.00
Total estimated allotments, soil management investigations	16,976.67

Soil utilization.

This project provides for the following up of the soil-survey work by men who are familiar with the soils of the United States, their adaptation to crops, and the highest possibilities of their utilization. In the conduct of the soil-survey work a great deal of information is obtained, and opportunities are seen for improvement of the soil conditions and the crops grown on these soils. During the survey, however, the men have their duties to perform and can not stop to give the necessary advice or instruction to the farmers, and there is no way to obtain such instruction except as it appears in the report upon the soils of the area, issued later. These reports, like other published matter from this and other departments of the Government, are read and too often laid aside unacted upon, and in order to obtain the full benefit of the soil survey it has been found advisable to send men back to many of the areas that have been surveyed, to reside awhile in the area, meet the people, and finally to interest them in changing and improving the methods of utilizing their soils. This is one of the most promising, as it is one of the most practical, lines of work that the Bureau has undertaken, and great good has been done in the localities where such work has been carried on.

BUREAU OF SOILS—Continued.

Administration and inspection:	
This work provides for a general supervision of the soil-utilization investigations, the disposal of the various field parties, and the inspection of their work.	
Salaries	$5,250.00
Traveling expenses	2,300.00
Total	7,550.00
Adaptation of types of soils to varieties of fruit in the Appalachian Fruit Belt.	
This investigation includes a field study of the soils of the Appalachian Fruit Belt, which extends from the State of New York in a southwesterly direction into Alabama. The object of the work is to ascertain the classes of fruits, and the varieties of each, best adapted to the different soils occurring throughout this region. It has for its purpose a better understanding of the adaptation of soils to fruits, with the ultimate object of advising fruitgrowers with reference to the location of orchard sites.	
Salaries	1,800.00
Traveling expenses	800.00
Total	2,600.00
Adaptation of various types of soil to the production of high-grade tobacco in Georgia, Florida, and Alabama:	
This investigation is for the purpose of determining what types of soils are best adapted to the different classes of tobacco, such as wrapper, binder, and filler, within the region indicated, and includes the giving of practical advice to tobacco growers of this region with reference to the adaptation of their soils to tobacco, together with the cultural methods and fertilizer treatments best suited to meet the needs of the different soil types. This work is done in cooperation with the Bureau of Plant Industry, and as a basis of extending their work into new localities.	
Salaries	1,600.00
Traveling expenses	800.00
Total	2,400.00
Investigation and demonstration of the real value of worn-out or so-called abandoned soils of New York, Pennsylvania, and Ohio:	
This work has for its object a rejuvenation of agriculture on the so-called worn-out farms of the above-mentioned States, and will include numerous demonstrations with crop rotations, the use of manures and fertilizers for the purpose of bringing the soils into a productive condition in the shortest possible time. It is done entirely in cooperation with farmers willing to try new methods in the several localities on the advice of the Bureau.	
Salaries	2,700.00
Traveling expenses	1,600.00
Total	4,300.00
Utilization of the soils of the Puget Sound region for fruit and other high-priced special crops:	
This work will include a study of the lands that have recently been cleared of forests, about whose agricultural value little is known from actual experience. It will involve a study of the crop adaptation of the various types of soils and the best cultural methods to follow. The object of the work will be to advise the farmers of that general section of the country, in order that they may avoid failure through the undertaking of agricultural industries to which the region may not be adapted.	
Salaries	2,000.00
Field expenses	1,200.00
Total	3,200.00

BUREAU OF SOILS—Continued.

Adaptation of soils in California to varieties of grapes and of citrus and deciduous fruits:

This work involves a thorough study of the soils of California, for the purpose of ascertaining the soil types best adapted to the production of the different varieties of deciduous and citrus fruits and grapes. The object of the work is to advise with planters regarding the location of sites for these various classes of fruits. Large tracts previously used for the extensive cultivation of wheat are being subdivided for fruit growing, and the experience of the Bureau can be safely relied upon for direction as to the kinds of fruits which may be safely grown on the different soils. Also it is the experience of farmers that the character of the soil has much to do with the color and keeping quality of the fruit, and to the production of grapes for different kinds of wine, raisins, and table purposes. This information is desired by the growers as an aid in the further development of the valuable industries of the State.

Salaries	$3,400.00
Field expenses	2,000.00
Total	5,400.00

Investigation of the adaptation of soils to crops in Texas:

This investigation involves a study of the general soil formations of the State of Texas, together with a study of the general crop adaptation of these formations. It has for one of its objects the introduction of the study of soils in the schools of the State, as a basis for a more thorough agricultural instruction, which it is proposed to introduce in the public schools. It is further intended to acquire a general knowledge of the soil conditions and crop adaptations in advance of the detailed soil surveys for the information of prospective settlers in an area now sparsely settled, but which is rapidly developing.

Salaries	1,600.00
Traveling expenses	800.00
Total	2,400.00

Investigation of the adaptation of the soils of middle Tennessee for the introduction of special crops, and the fuller utilization of the so-called barrens:

This work involves a field study of the crop adaptation of the principal soil types of the above-mentioned district, together with investigation of the best crop rotations and cultural methods for the principal crops grown, and includes also the introduction of new crops, especially fruits to which some soil types of the highland rim and so-called barrens are evidently adapted. It has for its object the utilization of considerable areas of land which have but recently been cleared of their forest growth, together with the necessary demonstrations and advisory work required to assist the farmers of the regions.

Salaries	1,400.00
Field expenses	800.00
Total	2,200.00

Investigation of the adaptation of the soils of eastern South Carolina for diversification of crops and the introduction of long staple cotton:

This investigation involves a study of the soil types with particular reference to their utilization for long staple cotton, and their adaptation to different varieties of upland cotton. Also the possibilities of their utilization for other crops and their fertilizer requirements to increase the yields and to provide for a greater diversification of crops than is now practiced.

Salaries	1,600.00
Field expenses	800.00
Total	2,400.00

BUREAU OF SOILS—Continued.

Investigation of the adaptation of soils to different varieties of cotton in the Gulf Coast States:	
This work has for its object a specific knowledge of the varieties of cotton best adapted to the various soil types occurring throughout the principal cotton-growing districts of the Gulf Coast States, and includes such demonstrations and advisory work as will make this knowledge of the most practical value to the cotton planters in general. It is already known that the cotton selected or bred for a rich bottom-land soil is not as well adapted to the sandy uplands and, with the numerous varieties of cotton extant, it is desired to work out the proper utilization of each of the great soil types for the specific varieties of cotton adapted to them.	
Salaries	$1,400.00
Field expenses	1,200.00
Total	2,600.00
Investigation of the adaptation of certain soils in the Gulf States for alfalfa and other forage crops:	
This investigation involves a study of the types of soil best adapted to the production of alfalfa and other leguminous forage crops. One of the most important needs of the South is more forage for the work stock. It has recently been shown that alfalfa does particularly well on the Houston soils, and that some of the other leguminous crops and sorghum do particularly well on o her types of soils. It is proposed to make a thorough investigation of the possibility of utilizing some of the important types of soil for the special production of forage crops.	
Salaries	1,600.00
Field expenses	800.00
Total	2,400.00
Total estimated allotments, soil utilization	37,450.00

Reclamation of alkali lands.

The investigation of alkali lands and of the methods for preventing the accumulation of alkali, and the reclaiming of such lands, where affected with excessive accumulations of alkali salts, had proceeded to such a point of completeness at the end of the fiscal year 1907 as to show the practicability of handling and reclaiming important types of such soil under different local conditions and for different types of alkali. It therefore seemed advisable to discontinue such investigations. All matters of advice and farm demonstration pertaining thereto will hereafter be handled by the Division of Soil Utilization. The subject, therefore is not included in the division of projects in the estimates for 1909.

Tobacco investigations.

The investigations, following the soil survey, of the possibility of producing a Sumatra type of cigar-wrapper leaf on certain soils in the Connecticut Valley and of Cuban filler leaf on the Orangeburg soils in the Gulf Coast States, and of the introduction of new types of tobacco and the improvement of tobaccos on certain soils in Virginia, Ohio, and New York, having been successfully completed, so far as the soil possibilities are concerned, further investigations under this head were suspended at the close of the fiscal year 1907. The cultural side of the work was turned over to the Bureau of Plant Industry for further investigations of the possibility of improving the crop through selection of seed and the establishment of a more permanent type of leaf, while the Bureau of Soils will continue the investigation and survey of tobacco soils under the Division of the Soil Survey.

Soil fertility investigations.

Investigation of the maintenance of soil fertility: Salaries	$3,750.00
Investigation of the causes of unproductive soils: Salaries	2,900.00
Investigations of the organic origin of unproductivity in soils and the effect of green manuring: Salaries	3,000.00
Investigation of means for improvement of unproductive soils: Salaries	2,900.00
Investigation of the effect of fertilizers on soils: Salaries	3,000.00

BUREAU OF SOILS—Continued.

Field investigations of soil fertility problems in cooperation with experiment stations:	
Salaries	$3,000.00
Traveling expenses	1,528.33
Total	4,528.33
General field and laboratory supplies	325.00
Total estimated allotments, soil fertility investigations	20,403.33

Laboratory investigations.

Physical soil investigations, including:

(*a*) Conservation of soil moisture.

(*b*) Relation of cultural methods to physical condition of soils. The object of this work is to study the effect of cultural methods on the granulation, water-holding power, drainage conditions, ease of root penetration, and evaporation, and conservation of soil moisture; all important factors in crop production.

(*c*) Relation of manurial treatment to physical condition of soils. The object of this work is to investigate the influence of various manures and fertilizers in altering the structure, flocculation, porosity, and moisture-holding capacity; including the determination of methods of incorporation, amounts, and the effect of time of application of fertilizers and manures.

(*d*) Flocculation, sedimentation, and erosion of soils.

(*e*) Retention and conservation of fertilizer ingredients by soils.

(*f*) Relation of physical condition to temperature of soils. The object of this work is to study the temperature coefficient of different soils and their capacity to absorb and transmit heat and the effect thereon of insufficient drainage, improper aeration, packing, and texture. The relation of soils to heat and the modification of this relation by cultural methods has an important bearing upon the development of crops and even crop adaptation.

(*g*) Effect of moisture content on the absorption and radiation of heat by soils. The object of this work is to determine the effect of varying moisture contents on absorption and radiation of heat by different soil types.

(*h*) Field demonstration. The object of this work is to demonstrate certain laboratory results in the field.

Salaries	4,400.00
Field expenses	1,510.00
Total	5,910.00

Chemical investigations, including:

(*a*) Nitrogen-carrying fertilizers.

(*b*) Chemical properties and components of humus. The object of this work is to investigate the character and nature of the organic components of the various soil types, with a view to conserving and increasing the amount of humus under different cultural treatments, and with a view to modifying the character of the decomposition of organic matter to produce the most favorable conditions for crop production.

(*c*) Solubility of soil minerals.

(*d*) Iron compounds of soil, investigation of.

(*e*) Chemical ingredients of organic manures. The work has for its object the investigation of the organic compounds of manures, and of their separation, identification, and properties.

(*f*) Methods of analysis. The investigation of new methods of analysis, made necessary by more advanced investigations of soil properties, and of routine methods.

(*g*) Field demonstrations. The object of this work is to demonstrate certain laboratory results in the field.

(*h*) Chemical properties of alkali soils. This is a continuation of the work necessary for improvement of alkali soils.

Salaries	5,900.00
Field expenses	1,500.00
Total	7,400.00

BUREAU OF SOILS—Continued.

Mechanical analysis of soil types: Salaries	$3,840.00
Unclassified analytical work:	
Salaries	4,800.00
Supplies	500.00
Total	5,300.00
Designing and repairing apparatus for field and laboratory studies: The laboratory investigations of the physical and chemical properties of soils and the field tests require special apparatus designed and constructed under the immediate supervision of the men engaged in the work.	
Salaries	1,000.00
Supplies	300.00
Total	1,300.00
Total estimated allotments, laboratory investigations	23,750.00

Soil erosion.

The object of this investigation, which was started in the spring of 1907, is briefly given on the opposite side of this sheet. It is, in effect, to study the reasons of and remedies for one of the most important causes of the loss of soil fertility. To it may be charged the wasting of wide areas of the arable soils of the United States, and the evil does not end there, for the products of erosion prove a source of menace to, and interference with, the navigation of the waterways of the country. Desultory efforts have been made, through various methods of treatment, to conserve the soils and prevent this waste, but it is now proposed that a systematic study should be made of different soils and of practical methods of preventing their bodily removal from the fields.

Reconnoissance study of the effect of erosion on agricultural lands:	
Salaries	$3,000.00
Traveling expenses	2,000.00
Total	5,000.00
Total estimated allotment, soil erosion	5,000.00
Miscellaneous supplies, and miscellaneous and contingent expenses for maintenance and operation of offices and laboratories:	
Telephone	30.00
Telegraph	80.00
Freight	125.00
Express	210.00
Furniture	300.00
Stationery, apparatus, miscellaneous supplies and services, etc	3,755.00
Total	4,500.00
Total appropriation for the Bureau of Soils, fiscal year 1907	221,460.00
Total appropriation for fiscal year 1908 (decrease, $14,480)	206,980.00
Total estimates of appropriations for fiscal year 1909 (increase, $33,620)	240,600.00

BUREAU OF ENTOMOLOGY.

[Salaries, Bureau of Entomology—$26,360.]

One entomologist, who shall be chief of bureau (increase of $750 submitted)	$4,000.00
One chief clerk (increase of $200 submitted)	2,000.00
Two clerks, class three (submitted)	3,200.00
Four clerks class two	5,600.00
One artist	1,400.00
Three clerks, class one	3,600.00
Five clerks, at $1,000 each	5,000.00

BUREAU OF ENTOMOLOGY—Continued.

One messenger		$840.00	
One messenger		720.00	
Total amount estimated			$26,360.00

NOTE.—The salary of the chief of bureau has been increased from $3,250 to $4,000; the chief clerk from $1,800 to $2,000, and two clerks of class three have been added. Total increase $4,150.

Amount of above appropriation for fiscal year 1907		19,610.00	
Amount of above appropriation for fiscal year 1908 (increase of $2,600)		22,210.00	
Amount estimated for fiscal year 1909 (increase of $4,150)		26,360.00	
The above force will perform the following duties:			
Administrative and executive:			
The following will be engaged on the administrative and executive work of the Bureau:			
One chief of bureau	$4,000.00		
One chief clerk	2,000.00		
One messenger	840.00		
One messenger	720.00		
		7,560.00	
Correspondence and files:			
Two clerks, class three	3,200.00		
Three clerks, class two	4,200.00		
Two clerks, class one	2,400.00		
Five clerks, at $1,000 each	5,000.00		
		14,800.00	
Art section:			
One artist	1,400.00		
One clerk, class one	1,200.00		
		2,600.00	
Library: One clerk, class two	1,400.00		
		1,400.00	
Total			26,360.00

[Entomological investigations, 1909—$149,240.00.]

Salaries:			
In Washington		$50,000.00	
Out of Washington		66,000.00	
Stationery		1,000.00	
Miscellaneous supplies		6,200.00	
Furniture		500.00	
Freight		300.00	
Express		600.00	
Telegraph and telephone		400.00	
Apparatus, instruments, and laboratory material		7,000.00	
Traveling, station, and field expenses		17,240.00	
			149,240.00
Amount of above appropriation for fiscal year 1907		75,000.00	
Amount of above appropriation for fiscal year 1908 (increase of $38,800)		113,800.00	
Amount estimated for fiscal year 1909 (increase of $35,440)		149,240.00	
PROJECTS.			
No. 1. Amount allotted		3,500.00	
No. 2. Amount allotted		15,000.00	
No. 3. Amount allotted		26,000.00	
No. 4. Amount allotted		11,250.00	
No. 5. Amount allotted		17,000.00	
No. 6. Amount allotted		5,000.00	
No. 7. Amount allotted		5,000.00	
No. 8. Amount allotted		3,000.00	
No. 9. Amount allotted		2,000.00	
No. 10. Amount allotted		5,300.00	

BUREAU OF ENTOMOLOGY—Continued.

No. 11. Amount allotted..... $11,500.00
No. 12. Amount allotted..... 2,000.00
No. 13. Amount allotted..... 12,000.00
No. 14. Amount allotted..... 12,690.00
No. 15.—Southern field crop insect investigations:

A special emergency appropriation for the cotton boll weevil covers a large part of the work under this section, as does the investigation of the insects under way in the tobacco belts of Tennessee and Kentucky. Project No. 12 also touches upon this same field. But there are insect enemies of other southern staple crops which need investigation, notably of sugar cane and rice. A certain amount of work has been done with these insects incidental to other investigations, and it is proposed thoroughly to study such pests of considerable importance as the sugar-cane borer, the sugar-cane rootworm, the water weevil of the rice crop, and others. Insects affecting tobacco in other parts of the South also come under this head, and with the widespread movement toward further diversification of crops in the South it is safe to predict that the changing of nature's balance will bring forward other insect injuries demanding investigation..... 5,000.00

No. 16. Hydrocyanic-acid gas investigations:

Hydrocyanic-acid gas has been the chief means of controlling the principal scale insects of citrus fruit trees in California for many years. A large percentage of the commercial orchards in the State are fumigated every year, at a cost ranging from 25 cents to $1.50 a tree, or a total annual expenditure of from $1,500,000 to $2,000,000, on the basis of the fumigation of 50 per cent of the trees every year. It becomes, therefore, a matter of very great importance to conduct the operation of fumigation in the most effective and economical manner. The work being done by the Bureau on this subject in California is aimed to thoroughly standardize the process, and was undertaken in response to urgent demands from the horticultural commissioners of the principal fruit-producing counties of California and of many prominent growers. The investigation will cover the following subjects:

(1) Dosage, or the amount of gas necessary for different purposes. The strength of gas necessary to effectively control the three prominent scale pests of citrus trees in California—namely, the red scale, the purple scale, and the black scale—will be determined under different conditions of location in the drier foothills regions, and the moister coastal strip for different seasons of the year and for the different seasonal conditions of the tree, as whether in fresh leafage or bloom or different stages of the growing fruit.

(2) Physiological effect on the tree and fruit. There is evidence to show that the gas has a distinct stimulating effect on the tree. The facts in this connection will be determined in the course of the experimental work.

(3) Mechanical equipment. An important economical consideration in gassing is the employment of the most suitable tent cloths, and their treatment to give durability and imperviousness; also the best mechanical means of hoisting tents over the trees. To be determined under this heading also are the most economical methods of generating the gas and an indication of the quality of chemicals best suited for the purpose.

BUREAU OF ENTOMOLOGY—Continued.

No. 16. Hydrocyanic-acid gas investigations—Cont'd.
In connection with this experimental work the scale species themselves will be given a careful study in the field to determine their exact life history as a basis for the intelligent application of the remedy... $6,000.00

No. 17. Investigation of insects affecting drying or dried fruits:
Packers and canners, especially on the Pacific coast, have attached much importance to the influence of sulphur fumes in preventing attack from destructive insects infesting drying and dried fruits. The recent restriction of the Bureau of Chemistry of this Department, on the amount of sulphur permissible in such products, has made necessary a thorough investigation of the subject to determine the exact influence of sulphuring on insect attack, while the fruit is drying and in storage, and to determine how infestation may be best avoided. A large number of samples of various classes of fruits have been collected both from drying trays, out-of-doors, and from bins where the fruit is stored, so that any possible insects infesting same might be bred out. A considerable series of insects have been thus secured, and a study is being made of the life history and habits of same, as indicating how best to avoid infestation. Experiments are necessary another season to determine what methods should best be adopted to prevent attack in field and what should be done to keep storage houses free from them..... 2,500.00

No. 18. Investigation of insects affecting tobacco:
The investigation of insects affecting tobacco was begun in July, 1907. The work has been confined to that part of the dark tobacco belt known as the Clarksville and Hopkinsville district, which comprises 14 counties. Experiments during the season have led to the recommendation of a new method of applying arsenites to tobacco—that is, to the under side of the leaves. When applied in this manner they remain longer upon the plant and are not so easily washed off or into the axils of the leaves as when applied to the upper side of the leaves. When applied to the upper side of the leaves the arsenites are frequently collected by the rain into the axils of the leaves, where they cause a burning and sloughing off of the leaves.
Upon 35 to 40 per cent of the acreage of tobacco—that is, forty to fifty thousand acres—tobacco worms are hand-picked, at a cost of $10 to $12 per acre. Poisoning is just as effective, often more so, and costs not more than $2 per acre. Cooperative experiments by demonstrating the proper method of applying poisons would save to the growers $350,000 to $400,000 yearly. Over the entire belt there is need of demonstrations of the proper methods of applying poisons at the different stages of the plant's growth.
The total loss to the growers for the season of 1908 may be summed up as follows: A 25 per cent shortage in crop, due to injury to seed beds by the flea-beetle, loss about $2,000,000; loss due to the tobacco worm, $800,000 to $1,000,000; loss due to hand picking, $350,000 to $400,000; total, $3,150,000 to $3,400,000.
A large percentage of the larvæ that pupate for the winter mature upon tobacco just before it is cut or upon the suckers which quickly spring up from the stubble. It is recommended, therefore, that tobacco land be plowed immediately after a crop is cut to prevent the growth of suckers and to kill the worms that have pupated.

BUREAU OF ENTOMOLOGY—Continued.

No. 18. Investigation of insects affecting tobacco—Cont'd.
Life history studies upon the different insects affecting the crop were begun, but it was impossible to complete them because the investigation was instituted so late in the season. This work should begin early in the spring of 1908 and continue throughout the year. Cooperate insecticide work should be done in in every county in the Clarksville and Hopkinsville district and in as many of the other 52 counties of the dark belt as is possible. Demonstration of fall cultural methods should be continued..... $2,500.00

No. 19. Insect inspection work:
The Department of Agriculture has become perhaps the largest importing agency in the United States for new plants and seeds. Much of this material comes from the quarters of the world which have never been explored entomologically and with which there has been very little exchange of plant material. All of this material is likely to harbor new insect pests, the introduction of which into the United States might work enormous losses to the existing fruit and other cultures. All such material is therefore most carefully inspected and thoroughly fumigated, and when ever any of it is infested with new enemies, the destruction of which can not be assured, it is destroyed outright. During the past year nearly a thousand lots of imported plants were inspected for injurious insects, the largest one of these containing over 5,000 plants. Many of these lots have been fumigated and others have been destroyed and all were given most careful examination. In the course of this work some pests which threatened to be very important and dangerous have been detected and destroyed.
Inspection is also made, by request of local nurserymen, of all material shipped from the District of Columbia to adjoining States, as owing to the laws of these States, no material can pass their borders without a certificate of inspection. There is no law requiring such inspection by the Department authorities, and it is extended as a necesseary courtesy, since without it the local dealer would be practically limited to sales within the District. Comparatively little time, however, is required for this feature of the work, but the general inspection work of the Bureau and the necessary examinations and studies of imported material which go with it occupy the larger portion of the time of 2 expert assistants..... 2,000.00

[Cotton boll-weevil investigations, 1909—$50,000.]

Salaries—out of Washington	$24,000.00	
Traveling, station, and field expenses	11,500.00	
Apparatus, instruments, and laboratory material	1,000.00	
Miscellaneous supplies	1,000.00	
Stationery	150.00	
Furniture	100.00	
Freight and expressage	500.00	
Telegraph and telephone	150.00	
Rent	600.00	
Contracts and agreements	1,000.00	
Reserved for sporadic outbreaks	10,000.00	
		$50,000.00
Amount of above appropriation for fiscal year 1907	85,000.00	
Amount of above appropriation for fiscal year 1908 (decrease of $45,000)	40,000.00	
Amount estimated for fiscal year 1909 (increase of $10,000).	50,000.00	

BUREAU OF ENTOMOLOGY—Continued.

PROJECTS.

No. 1. Amount allotted	$1,000.00
No. 2. Amount allotted	8,000.00
No. 3. Amount allotted	1,000.00
No. 4. Amount allotted	1,000.00
No. 5. Amount allotted	1,000.00
No. 6. Amount allotted	2,000.00
No. 7. Amount allotted	2,500.00
No. 8. Amount allotted	500.00
No. 9. Amount allotted	2,000.00
No. 10. Amount allotted	1,000.00
No. 11. Amount allotted	2,000.00
No. 12. Amount allotted	2,500.00
No. 13. Study of the life history of the weevil in the Red River Valley of Louisiana sufficiently comprehensive to reveal points which may necessitate changes in the system of control perfected in Texas. The insect reacts directly to climatic and other conditions. The indications already are that the adaptations to the conditions found in new regions will make it necessary decidedly to alter the system of control now in use in Texas. Amount allotted	750.00
No. 14. A further study of the flight of the boll weevil especially for its bearing on quarantines, but also on local control. This work is to be based upon special experiments both in spring and summer. Amount allotted	1,500.00
No. 15. Insecticide investigations. Testing sprays, fumigants, repellants, etc., to determine their effect upon the weevil and upon the cotton plant. This is a special line of work made necessary by recent discoveries regarding insecticides It will require much careful attention. Amount allotted	2,000.00
No. 16. A statistical study of boll weevil damage to reveal the exact extent to which the insect has affected production. Amount allotted	1,500.00
No. 17. Biological relationships between the boll weevil and the cotton plant covering the efficiency of weevil resisting adaptations and the ability of the weevil to circumvent them, special reference to pilosity, thickness of carpels, toughness of carpel linings, size and appression of bracts, thickness of floral envelopes, density and persistence of foliage, proliferation, retention or shedding of infested fruit, determinate growth, etc. Amount allotted	2,000.00
No. 18. Practical utilization of the cotton caterpillar in the control of the boll weevil, including large scale experiments and the obtaining of further information regarding the life history and transformations of the caterpillar. Amount allotted	2,000.00
No. 19. A study of the control of various insects, the work of which complicates the boll weevil problem. Amount allotted	1,000.00
No. 20. Investigation of the possibility of utilizing cotton stalks in the manufacture of paper, alcohol, etc. Amount allotted	1,500.00
No. 21. Legislative requirements to prevent artificial dissemination of the weevil and to minimize the damage necessarily suffered within the infested area. Amount allotted	750.00
No. 22. An investigation of the relationship of Spanish moss in the hibernation of the boll weevil. Amount allotted	1,500.00
No. 23. Photographic work illustrating the results of the investigation for use in publications. Amount allotted.	1,000.00

BUREAU OF ENTOMOLOGY—Continued.

No. 24. Reserve to be used in eradication of isolated colonies likely to occur at any time, payment of labor, traveling expenses, cost of inspection, contracts, etc., depending altogether upon the size and location of the colony or colonies that may be found. Amount allotted.	$10,000.00	

[Preventing spread of moths, 1909—$150,000.]

Salaries:		
In Washington	$3,000.00	
Out of Washington (including unskilled labor)	[a] 126,700.00	
Miscellaneous supplies	10,000.00	
Furniture	250.00	
Express	25.00	
Telegraph and telephone	150.00	
Gas and electricity	15.00	
Rent	860.00	
Apparatus, instruments, and laboratory material	5,000.00	
Traveling, station, and field expenses	4,000.00	
		$150,000.00
Amount of above appropriation for fiscal year 1907, including $8,592.73 of immediately available appropriation expended prior to June 30, 1907	91,092.73	
Amount of above appropriation for fiscal year 1908, less $8,592.73 expended prior to June 30, 1907, being the balance of the immediately available appropriation (increase of $50,314.54)	141,407.27	
Amount estimated for fiscal year 1909 (increase of $8,592.73).	150,000.00	
Total amount estimated for all appropriations for the Bureau of Entomology for the fiscal year 1909		375,600.00

PROJECTS.

No. 1. Amount allotted	5,000.00
No. 2. Amount allotted	145,000.00
Total appropriations for the Bureau of Entomology for the fiscal year 1907, $412,110 (less $141,407.27 available in the fiscal year 1908)	270,702.73
Total appropriations for the fiscal year 1908, $326,010 (less $8,592.73 expended in fiscal year 1907) (increase of $46,714.54)	317,417.27
Total estimate of appropriations for fiscal year 1909 (increase of $58,182.73)	375,600.00

BUREAU OF BIOLOGICAL SURVEY.

[Salaries, Bureau of Biological Survey—$9,780.]

One biologist, who shall be chief of bureau	$3,000.00	
Two clerks, class 1 (increase of 1 submitted)	2,400.00	
Three clerks, at $1,000 each (increase of 1 submitted)	3,000.00	
One clerk	900.00	
One messenger or laborer	480.00	
Total amount estimated		9,780.00

NOTE.—One clerk of class 1 and one clerk at $1,000 have been added.

Total increase, $2,200.	
Amount of above appropriation for fiscal year 1907	$7,580.00
Amount of above appropriation for fiscal year 1908 (no increase)	7,580.00
Amount estimated for fiscal year 1909 (increase of $2,200)	9,780.00

The above force will perform the following duties:

Administrative:		
One chief of bureau	3,000.00	
One messenger or laborer	480.00	
		3,480.00

[a] Of this amount $118,700 is to be used in the employment of unskilled labor.

BUREAU OF BIOLOGICAL SURVEY—Continued.

Correspondence:		
One clerk, class 1	$1,200.00	
One clerk	1,000.00	
One clerk	900.00	
		$3,100.00
Office files (reports and photographs):		
One clerk, class 1	1,200.00	
Two clerks, at $1,000 each	2,000.00	
		3,200.00
Total		9,780.00

[Biological investigations, 1909—$60,170.]

Salaries:		
In Washington	$30,000.00	
Out of Washington	9,224.00	
Traveling, and other field expenses	17,396.00	
Miscellaneous and laboratory materials	2,500.00	
Stationery	400.00	
Furniture	250.00	
Express	200.00	
Freight	100.00	
Telegraph and telephone	100.00	
Total		60,170.00
Amount of above appropriation for fiscal year 1907	44,420.00	
Amount of above appropriation for fiscal year 1908 (no increase)	44,420.00	
Amount estimated for fiscal year 1909 (increase of $15,750)	60,170.00	
Total of all appropriations estimated for the Bureau of Biological Survey for the fiscal year 1909		69,950.00

PROJECTS.

The following are the more important projects proposed to be conducted by the Bureau of Biological Survey under above appropriation:

No. 1. Preparation of reports and maps relating to life and crop zones—		
Dr. C. Hart Merriam, chief, in charge:		
Salaries		$10,000.00
No. 2. The biological survey of California—Dr. C. Hart Merriam, Chief, in charge:		
Salaries	$800.00	
Traveling, and other field expenses	1,500.00	
		2,300.00
No. 3. The biological survey of New Mexico—Vernon Bailey, assistant in charge of geographic distribution, in charge:		
Salaries	600.00	
Traveling, and other field expenses	600,00	
		1,200.00
No. 4. The biological survey of Colorado—Merritt Cary, assistant biologist, in charge: No expenditure.		
No. 5. The biological survey of Texas—Vernon Bailey, assistant in charge of geographic distribution, in charge:		
Salaries	600.00	
Traveling, and other field expenses	600.00	
		1,200.00
No. 8. The biological survey of Alaska—W. H. Osgood, assistant biologist, in charge:		
Salary	600.00	
Traveling, and other field expenses	600.00	
		1,200.00

BUREAU OF BIOLOGICAL SURVEY—Continued.

No. 9. Investigations of the food-habits of birds—Dr. A. K. Fisher, assistant in charge of economic investigations, in charge:
Salaries..... $4,000.00

No. 10. The relation of birds to the cotton-boll weevil—A. H. Howell, assistant biologist, in charge:
Salaries..... $900.00
Traveling and other field expenses. 1,200.00
2,100.00

No. 11. The food habits of California birds—F. E. L. Beal, assistant in charge of economic ornithology, in charge:
Salaries..... 1,200.00
Traveling and other field expenses.. 1,000.00
2,200.00

No. 13. The food of land and game birds of the United States—W. L. McAtee, assistant biologist, in charge:
Purchase of stomachs for laboratory examination..... 100.00

No. 14. The food of aquatic game birds—W. L. McAtee, assistant biologist, in charge:
Purchase of material for laboratory examination..... 100.00

No. 16. Bird migration—Prof. W. W. Cooke, migration expert, in charge:
Salary..... 1,200.00

No. 17. The relation of mammals to agriculture—Dr. A. K. Fisher, assistant in charge of economic investigations, in charge:
Salaries..... $2,500.00
Traveling and other expenses..... 1,500.00
4,000.00

No. 19. The importation of animals, birds, and eggs of birds—Henry Oldys, assistant biologist, in charge:
Salaries..... 1,200.00
Inspection fees and field expenses.. 1,375.00
2,575.00

No. 20. The publication of information concerning game and birds—Dr. T. S. Palmer, assistant in charge of game preservation, in charge:
Salaries..... 2,500.00

No. 21. The protection of game and birds—Dr. T. S. Palmer, assistant in charge of game preservation, in charge:
Salaries..... $2,200.00
Traveling and other field expenses. 1,800.00
4,000.00

No. 22. Bird reservations and game refuges—Dr. T. S. Palmer, assistant in charge of game preservation, in charge:
Wardens' salaries..... 100.00

No. 23. Protection of game in Alaska—Dr. T. S. Palmer, assistant in charge of game preservation, in charge:
(No expenditure.)

No. 24. The destruction of ground squirrels, including the study of bacterial diseases—S. E. Piper, scientific assistant, in charge:
Salaries..... $1,200.00
Traveling and other field expenses.. 1,000.00
2,200.00

BUREAU OF BIOLOGICAL SURVEY—Continued.

No. 25. The relation of wolves and other predaceous mammals to stock raising—Vernon Bailey, assistant in charge of geographic distribution, in charge:
Salaries..... $1,000.00
Traveling and other field expenses. 500.00
$1,500.00

No. 26. Fox farming—W. H. Osgood, assistant biologist, in charge:
Salaries..... 900.00
Traveling and other field expenses. 1,000.00
1,900.00

No. 27. The relation of wild geese to the grain crops of California—Dr. A. K. Fisher, assistant in charge of economic investigations, in charge:
(No expenditure.)

No. 28. Administration of the three Divisions of Economic Investigation, Geographic Distribution, and of Game Preservation, into which the work of the Bureau is divided; also the compilation of data from field reports and other sources, and the preparation of circulars, bulletins, and other publications of the Bureau on economic subjects. 13,595.00

Below are given two new subjects for investigation during the fiscal year 1909, which have not been definitely taken up previously, for lack of funds:

No. 29. Field work in the Eastern States to learn the damage done by birds to small fruits—Dr. A. K. Fisher, assistant in charge of economic investigations, in charge:
Salaries..... $300.00
Traveling and other field expenses.. 500.00
800.00

This subject will require work extending over several seasons.

No. 30. Investigating the distribution of diseases of quail and other native game birds—Dr. T. S. Palmer, assistant in charge of game preservation, in charge:
Salaries..... 600.00
Traveling and other field expenses.. 800.00
1,400.00

A disease, supposed to be the deadly grouse disease of Europe, has appeared in this country and is already causing great losses among some of our native game birds, and threatens their entire destruction. For this reason an early investigation of the extent of its distribution and of its effect should be made with a view to methods of prevention. This will require work in cooperation with the Bureau of Animal Industry, during several seasons.

Total appropriation for the Bureau of Biological Survey for the fiscal year 1907..... 52,000.00
Total appropriation for fiscal year 1908 (no increase)..... 52,000.00
Total appropriation for fiscal year 1909 (increase of $17,950). 69,950.00

DIVISION OF ACCOUNTS AND DISBURSEMENTS.—Continued.

[Salaries, Division of Accounts and Disbursements—$46,400.]

One chief of division and disbursing clerk, who shall be administrative officer of the fiscal affairs of the Department (increase of $500 submitted). $3,250.00
One assistant chief of division..... 2,500.00
One auditor..... 2,000.00
One cashier and chief clerk..... 2,000.00
One clerk, class 4..... 1,800.00

DIVISION OF ACCOUNTS AND DISBURSEMENTS—Continued.

Six clerks, class 3 (increase of one submitted)	$9,600.00
Eight clerks, class 2 (increase of one submitted by transfer from Secretary's office)	11,200.00
Four clerks, class 1 (one of whom shall be a stenographer and typewriter) (increase of one submitted)	4,800.00
Three clerks, at $1,000 each	3,000.00
One clerk	900.00
Two clerks, at $840 each	1,680.00
Three clerks, at $720 each	2,160.00
One custodian of records and files	1,000.00
One messenger	600.00
Total amount estimated	46,490.00

NOTE.—An increase of $500 is submitted in the salary of the chief of division and disbursing clerk, and the words "who shall be administrative officer of the fiscal affairs of the Department" have been added to make it fit the additional duties performed by this official. One clerk of class 3, one clerk of class 2 (by transfer from the Secretary's office) and one clerk of class 1, have been added. Total increase, $4,700.

Amount of above appropriation for fiscal year 1907	32,210.00
Amount of above appropriation for fiscal year 1908 (increase of $9,580)	41,790.00
Amount estimated for fiscal year 1909 (increase of $4,700)	46,490.00

The above force will perform the following duties:

Administration:		
One chief of division and disbursing clerk, who shall be administrative officer of the fiscal affairs of the Department	$3,250.00	
One assistant chief of division (in charge of the Weather Bureau branch)	2,500.00	
One cashier and chief clerk	2,000.00	
One messenger	600.00	
		8,350.00
Cash section:		
One clerk class 3	1,600.00	
Three clerks class 2	4,200.00	
One clerk class 1	1,200.00	
One clerk	720.00	
		7,720.00
Bookkeeping section:		
One clerk class 3	1,600.00	
One clerk class 2	1,400.00	
One clerk	1,000.00	
One clerk	840.00	
		4,840.00
Auditing section:		
One auditor	2,000.00	
One clerk class 4	1,800.00	
Three clerks class 3	4,800.00	
Four clerks class 2	5,600.00	
One clerk class 1	1,200.00	
One clerk	900.00	
One clerk	840.00	
One clerk	720.00	
		17,860.00
Card indexing:		
One clerk class 3	1,600.00	
One clerk	1,000.00	
One clerk	720.00	
		3,320.00
Correspondence and filing:		
Two clerks class 1	2,400.00	
One clerk	1,000.00	
One custodian of records and files	1,000.00	
		4,400.00
Total		46,490.00

DIVISION OF PUBLICATIONS.

[Salaries, Division of Publications—$141,830.]

One editor, who shall be chief of division	$3,000.00	
One editor, who shall be assistant chief of division (increase of $250 submitted)	2,500.00	
One associate editor (increase of $250 submitted)	2,250.00	
One assistant in charge of indexing (increase of $200 submitted)	2,000.00	
One index clerk (submitted)	1,600.00	
Four assistant editors, at $1,800 each (increase of $200 each submitted)	7,200.00	
Two editorial clerks, at $1,400 each (increase of one submitted)	2,800.00	
One assistant in charge of illustrations	2,000.00	
One draftsman or photographer (change in title)	1,500.00	
Two draftsmen or photographers at $1,400 each (change in title)	2,800.00	
One draftsman or photographer (change in title)	1,200.00	
Two draftsmen or photographers, at $1,000 each (submitted)	2,000.00	
One chief clerk (increase of $200 submitted)	2,000.00	
Five clerks, class 1	6,000.00	
Seven clerks, at $1,000 each	7,000.00	
One assistant in charge document section	2,000.00	
One assistant in document section	1,400.00	
One assistant in document section	1,200.00	
One foreman in document section	1,400.00	
One foreman, farmers' bulletin distribution	1,200.00	
Two forewomen, at $1,200 each	2,400.00	
One chief folder	1,000.00	
One folder	900.00	
Three folders, at $840 each	2,520.00	
One clerk	900.00	
Seven clerks, at $840 each	5,880.00	
Twenty-nine clerks, at $720 each	20,880.00	
Thirty-two clerks, at $600 each	19,200.00	
One photographer	1,200.00	
One assistant photographer	840.00	
Eight skilled laborers, at $720 each	5,760.00	
Thirteen skilled laborers, at $660 each (submitted)	8,580.00	
Twenty skilled laborers, at $600 each	12,000.00	
One messenger	840.00	
Three messengers, at $720 each	2,160.00	
Three messengers, at $600 each	1,800.00	
Two messengers, at $420 each	840.00	
One messenger boy	360.00	
One fireman	720.00	
Total amount estimated		$141,830.00

NOTE.—An increase in salary of one editor and assistant chief from $2,250 to $2,500, one associate editor from $2,000 to $2,250, one assistant in charge of indexing from $1,800 to $2,000, one chief clerk from $1,800 to $2,000, and four assistant editors from $1,600 to $1,800. One index clerk at $1,600, one editorial clerk, at $1,400, two draftsmen or photographers at $1,000 each, and thirteen skilled laborers, at $660 each, have been added. The title "draftsman or clerk" has been changed to "draftsman or photographer" wherever these grades appeared. Total increase, $15,280.

Amount of above appropriation for fiscal year 1907	$116,270.00
Amount of above appropriation for fiscal year 1908 (increase of $10,280)	126,550.00
Amount estimated for fiscal year 1909 (increase of $15,280)	141,830.00

The above force will perform the following duties:

Administration:

One editor, who shall be chief of division.. $3,000.00

DIVISION OF PUBLICATIONS—Continued.

Administration—Continued.		
One editor, who shall be assistant chief of division	$2,500.00	
One chief clerk	2,000.00	
One clerk, class 1	1,200.00	
One clerk	1,000.00	
Two clerks, at $720 each	1,440.00	
One messenger	840.00	
One messenger	420.00	
		$12,400.00
Correspondence and files:		
One clerk, class 1	1,200.00	
Two clerks, at $1,000 each	2,000.00	
One clerk	900.00	
Five clerks, at $840 each	4,200.00	
Six clerks, at $720 each	4,320.00	
Eight clerks, at $600 each	4,800.00	
One folder	900.00	
One skilled laborer	600.00	
One messenger	720.00	
		19,640.00
Editorial section:		
One associate editor	2,250.00	
Four assistant editors, at $1,800 each	7,200.00	
Two editorial clerks, at $1,400 each	2,800.00	
One clerk	840.00	
		13,090.00
Illustration section:		
One assistant in charge of illustrations	2,000.00	
One draftsman or photographer	1,500.00	
Two draftsmen or photographers, at $1,400 each	2,800.00	
One draftsman or photographer	1,200.00	
Two draftsmen or photographers, at $1,000 each	2,000.00	
One clerk, class 1	1,200.00	
One clerk	720.00	
One clerk	600.00	
One photographer	1,200.00	
One assistant photographer	840.00	
One messenger	600.00	
		14,660.00
Indexing section:		
One assistant in charge of indexing	2,000.00	
One index clerk	1,600.00	
One clerk	1,000.00	
One clerk	840.00	
Two clerks, at $720 each	1,440.00	
		6,880.00
Document section:		
One assistant in charge of document section	2,000.00	
One assistant in document section	1,400.00	
One assistant in document section	1,200.00	
One foreman in document section	1,400.00	
One foreman farmers' bulletin distribution	1,200.00	
Two forewomen, at $1,200 each	2,400.00	
Two clerks, class 1, at $1,200 each	2,400.00	
Three clerks, at $1,000 each	3,000.00	
One chief folder	1,000.00	
Three folders, at $840 each	2,520.00	
Eighteen clerks, at $720 each	12,960.00	
Twenty-three clerks, at $600 each	13,800.00	
Eight skilled laborers, at $720 each	5,760.00	
Thirteen skilled laborers, at $660 each	8,580.00	
Nineteen skilled laborers, at $600 each	11,400.00	
Two messengers, at $720 each	1,440.00	
Two messengers, at $600 each	1,200.00	

DIVISION OF PUBLICATIONS—Continued.

Document section—Continued.		
One messenger, at $420	$420.00	
One messenger, at $360	360.00	
One fireman, at $720	720.00	
		$75,160.00
Total		141,830.00

[Publications, Department of Agriculture—$40,000.]

The estimates for farmers' bulletins for the fiscal year 1909 are included in the estimates for public printing and binding, to be done under the Public Printer.

The estimates for additional assistants for the fiscal year 1909 are combined with "labor and material" appropriation and estimated for under title "Publications, Department of Agriculture."

Salaries, in Washington		$20,000.00	
Rents:			
215 Thirteenth street, SW	$5,000.00		
Room 151, Washington Safe Deposit Company	60.00	5,060.00	
Envelopes for distribution of documents, etc		8,000.00	
Stationery		1,000.00	
Office furniture, fixtures, etc		1,000.00	
Photographic and artists' materials		2,500.00	
Miscellaneous supplies, etc		1,515.00	
Electric current		700.00	
Gas		150.00	
Telephone		75.00	
Total amount estimated			$40,000.00
Amount of lump-fund appropriation for fiscal year 1907		132,250.00	
Amount of lump-fund appropriation for fiscal year 1908 (decrease of $97,250*)		35,000.00	
Amount estimated for fiscal year 1909 (increase of $5,000)		40,000.00	
Total of all appropriations estimated for the Division of Publications for the fiscal year 1909			181,830.00

* NOTE.—There is an apparent decrease in the fiscal year 1908 of $97,250, but in reality it is an increase of $1,500 under general expenses for additional assistance and materials, as the item of $98,750 for printing farmers' bulletins has been omitted and transferred to the appropriation for printing and binding, under the Public Printer, in accordance with section 2 of the sundry civil act, approved June 30, 1906 (Public, No. 383).

Total appropriations for the Division of Publications for the fiscal year 1907	$248,520.00
Total appropriations for fiscal year 1908 (decrease of $86,970)	161,550.00
Total estimate of appropriations for fiscal year 1909 (increase of $20,280)	181,830.00

BUREAU OF STATISTICS.

[Salaries, Bureau of Statistics—$96,440.]

One statistician, who shall be Chief of Bureau	$3,500.00
One assistant statistician, who shall be Assistant Chief of Bureau (increase of $300 submitted)	2,500.00
NOTE.—One editorial assistant, at $2,300, transferred to the lump-fund appropriation.	
One chief clerk	1,800.00
Six clerks, class 4	10,800.00
Nine clerks, class 3	14,400.00
Twelve clerks, class 2	16,800.00
Two clerks, at $1,300 each	2,600.00
Thirteen clerks, class 1 (increase of 2 submitted)	15,600.00

BUREAU OF STATISTICS—Continued.

Nine clerks, at $1,000 each (decrease of 1 by transfer to Secretary's roll)	$9,000.00	
Four clerks, at $900 each	3,600.00	
Four clerks, at $840 each	3,360.00	
Ten clerks, at $720 each	7,200.00	
Six clerks, at $600 each	3,600.00	
Two messengers, at $840 each	1,680.00	
Total amount estimated		$96,440.00

NOTE.—The salary of the Assistant Statistician has been increased from $2,200 to $2,500. One editorial assistant at $2,300 has been transferred to the lump-fund appropriation, and one clerk at $1,000 has been transferred to the Secretary's roll. Two clerks of class 1 have been added. Net decrease, $600.

Amount of above appropriation for fiscal year 1907	$97,660.00
Amount of above appropriation for fiscal year 1908 (decrease of $620)	97,040.00
Amount estimated for fiscal year 1909 (decrease of $600)	96,440.00

The above force will perform the following duties:

Executive and administrative.

Office of the statistician:		
One statistician	$3,500	
One assistant statistician	2,500	
One clerk class 4	1,800	
Two clerks class 3	3,200	
One clerk class 2	1,400	
		12,400.00
Office of the chief clerk:		
One chief clerk	1,800	
Two clerks class 1	2,400	
One clerk, at $900	900	
One clerk, at $720	720	
		5,820.00

The increase shown is due principally to an additional clerk of class 1 allowed.

Division of domestic crop reports.

Township section:		
One clerk class 4	$1,800	
One clerk class 3	1,600	
Five clerks class 2	7,000	
Five clerks class 1	6,000	
One clerk, at $1,000	1,000	
One clerk, at $900	900	
One clerk, at $840	840	
Three clerks, at $720	2,160	
One clerk, at $600	600	
		21,900.00
County and township list section:		
Four clerks, class 4	$7,200	
One clerk, class 3	1,600	
Three clerks, class 2	4,200	
Two clerks, at $1,300	2,600	
Two clerks, class 1	2,400	
Four clerks, at $1,000	4,000	
One clerk, at $900	900	
Two clerks, at $600	1,200	
		24,100.00

BUREAU OF STATISTICS—Continued.

Mailing section:		
Two clerks, class 1	$2,400	
One clerk, at $1,000	1,000	
One clerk, at $900	900	
One clerk, at $840	840	
Two clerks, at $720	1,440	
One messenger, at $840	840	
		$7,420.00

Editorial division and library.

Editorial and library section:		
Two clerks, class 3	$3,200	
Two clerks, class 2	2,800	
Two clerks, class 1	2,400	
Two clerks, at $1,000	2,000	
One messenger, at $840	840	
		11,240.00

The increase shown is due principally to an additional clerk of class 1 allowed, and the transfer of clerks from the Division of Domestic Crop Reports.

Typewriting section:		
One clerk, at $1,000	$1,000	
One clerk, at $720	720	
Two clerks, at $600	1,200	
		2,920.00

Division of foreign markets.

Three clerks, class 3	$4,800	
One clerk, class 2	1,400	
Two clerks, at $840	1,680	
Three clerks, at $720	2,160	
One clerk, at $600	600	
		10,640.00
Total		96,440.00

[Collecting agricultural statistics—$138,000.]

Salaries in Washington		$15,500.00	
Salaries outside of Washington		70,000.00	
Traveling expenses		42,900.00	
Stationery		5,400.00	
Miscellaneous supplies and services, equipment, books, machinery, etc		2,000.00	
Furniture		1,500.00	
Telegraph		570.00	
Telephone		30.00	
Freight		30.00	
Express		70.00	
			$138,000.00
Amount of above appropriation for fiscal year 1907		108,000.00	
Amount of above appropriation for fiscal year 1908 (increase of $10,000)		118,000.00	
Amount estimated for fiscal year 1909 (increase of $20,000)		138,000.00	
The above in detail are as follows:			
Salaries in Washington:			
Crop report	$4,000.00		
Executive and administrative	8,100.00		
Bulletins, statistical appendix, and miscellaneous	3,400.00		
		15,500.00	
Salaries outside Washington:			
Crop report—			
Special field agents	37,300.00		
State statistical agents	27,000.00		

BUREAU OF STATISTICS—Continued.

Salaries outside Washington—Continued.		
Cooperative work with Minnesota Experiment Station	$2,300.00	
Statistics in connection with rural schools	1,400.00	
Investigations of improved methods of securing statistics of acreages of farm products	2,000.00	
		$70,000.00
Traveling expenses:		
Crop report—		
Special field agents	31,500.00	
State statistical agents	7,800.00	
Executive and administrative	2,000.00	
Bulletins, statistical appendix, and miscellaneous	500.00	
Statistics in connection with rural schools	1,100.00	
		42,900.00
Stationery, miscellaneous supplies and services, and furniture:		
Crop report	6,500.00	
Executive and administrative	1,000.00	
Bulletins, statistical appendix, and miscellaneous	1,400.00	
		8,900.00
Telegraph and freight: Crop report		600.00
Telephone and express: Executive and administrative		100.00
Total		138,000.00

PROJECTS.

Crop report, collection, compilation, preparation and issuance:		
Salaries in Washington	$4,000.00	
Special field agents—		
Salaries	37,300.00	
Traveling expenses	31,500.00	
State statistical agents—		
Salaries	27,000.00	
Traveling expenses	7,800.00	
Supplies, stationery, furniture, etc	6,500.00	
Telegraph and freight	600.00	
		114,700.00
Executive and administrative:		
Salaries in Washington of officials, messengers, laborers, carpenters, etc	8,100.00	
Traveling expenses of officials	2,000.00	
Supplies, stationery, furniture, etc	1,000.00	
Telephone and express	100.00	
		11,200.00
Bulletins, statistical appendix, and miscellaneous:		
Salaries	3,400.00	
Supplies and stationery	1,400.00	
Travel	500.00	
		5,300.00
Cooperative work with Minnesota Experiment Station: Salaries		2,300.00
Statistics in connection with rural schools: Salaries and traveling expenses		2,500.00
Investigations of improved methods of securing statistics of acreages of farm products: Salaries of special local agents in various States		2,000.00
Total		138,000.00

Objects of work: Description of, with explanation of various items of expenditure, and total amount to be charged to above-mentioned appropriation for each purpose:

BUREAU OF STATISTICS—Continued.

Crop report.

Sources of information.

Special field agents: In addition to the 2 men provided for in the appropriation for the fiscal year 1908 and now on duty, it is desired to add 3 men to this service to be assigned to territories that can not receive proper attention from the force at present available. Cost of maintenance... **$68,800.00**

State statistical agents: In addition to the agent appointed under the appropriation for 1908, it is desired to add an additional man, to be assigned to the State of Florida. The benefits of increased travel on the part of State agents during the past year were so noticeable that it is desired to allot a larger sum to this purpose. Cost of maintenance..... **34,800.00**

County correspondents, about 2,900, who report to the Bureau from each county, basing their figures on personal observation, inquiry, and reports from assistants located throughout their respective counties.

No material compensation for the services of these correspondents, other than Department publications and seeds.

Township correspondents about 50 000 in all, an average of about 10 to each county, who report to the Bureau the conditions in their respective localities.

No compensation, except by means of Department publications and seeds.

All the above-mentioned classes of correspondents report monthly, giving information appropriate to the season concerning the agricultural products within their respective limits.

In addition to the above regular lists of correspondents there are the following:

Individual representative farmers who report once a year upon grain, in answer to questions as to yield upon their individual farms, and twice a year from the cotton States—in the spring to the question of acreage and in the fall to the question of yield upon their individual farms.

Bankers, merchants, etc., reporting twice a year to the question of acreage in the spring and yield in the fall of cotton.

Ginners, in the cotton States only, reporting twice a year to the question of acreage in the spring and yield in the fall of cotton.

Mills and elevators, reporting once a year to the question of yield per acre of grain.

No compensation, except publications and seeds.

Preparation.

Salaries chargeable to above appropriation..... 4,000.00

By means of an improved method of cost keeping recently inaugurated, the work performed on the crop report by employees carried on the lump-fund roll, which has heretofore been charged to administration, will be hereafter shown under the heading of "Crop report."

Publicity.

Cost of supplies, including filing cases for State agents, envelopes for correspondents' reports, proportion of stationery used in Bureau, etc..... **6,500.00**

It is desired to furnish filing cases to those State agents not already supplied. The enlarging volume of the work makes the increased allotment necessary.

BUREAU OF STATISTICS—Continued.

Freight on filing cases		$30.00
Telegraph charges		570.00
Total charges against appropriation "Collecting agricultural statistics, 1909," for crop report work		114,700.00

Executive and administrative.

Salaries in Washington, officials, clerks, messengers, laborers, watchmen, charwomen, and mechanics	$8,100.00	
The increase is due to transfer to the lump-fund roll of the editorial assistant heretofore carried on the statutory roll of the Bureau.		
Traveling expenses	2,000.00	
The increase is desired to permit of additional travel. The small expenditure under this heading in 1907 was due to the fact that the Bureau's officials had but a limited amount of time to devote to this duty during that period.		
Supplies, stationery, furniture, lumber, paints, hardware, etc	1,000.00	
Telephone and express charges	100.00	
Total amount for executive and administrative purposes chargeable to appropriation "Collecting Agricultural Statistics, 1909"		11,200.00

Bulletins, Statistical Appendix, and Miscellaneous.

Bulletins.

It is not possible at this time to give a list of the bulletins that will be published in 1909, because they are prepared and issued as rapidly as the need for them becomes apparent and the force to handle them is available.

While the bulk of the work in preparing these publications is done by the regular force when not engaged on crop-report work, the special work in assembling the data and supervising the preparation must be done by statistical experts, viz, the officials of the Bureau and men of special training and ability who are paid on the lump-fund roll under this appropriation.

The Statistical Appendix.

The method of its preparation is the same as stated above in the case of bulletins.

Miscellaneous.

The Crop Reporter, special statistical statements, etc., are prepared in the same manner as bulletins.

Salaries in Washington	$3,400.00	
The amount requested for salaries is the same as allotted under the appropriation for the current fiscal year (1908).		
Stationery supplies	1,400.00	
The item for stationery supplies is expected to be less than during 1907.		

BUREAU OF STATISTICS—Continued.

Traveling expenses of officials and clerks engaged in the collection of data	$500.00		
Cost of above to appropriation "Collecting Agricultural Statistics, 1909"		$5,300.00	
Cooperative work with Minnesota Experiment Station in the collection of data concerning the cost of producing farm products: Salaries		2,300.00	
Statistics in connection with rural schools:			
This work is performed under the immediate supervision of the Assistant Secretary.			
Salaries	$1,400.00		
Traveling expenses	1,100.00		
		2,500.00	
Investigation of improved methods of securing statistics of acreages of farm products, salaries of special local agents		2,000.00	
Total		138,000.00	
[Investigation of foreign markets—$4,900.]			
Salaries in Washington		$4,200.00	
Traveling expenses		700.00	
			$4,900.00
Amount of above appropriation for fiscal year 1907		4,900.00	
Amount of above appropriation for fiscal year 1908 (no increase)		4,900.00	
Amount estimated for fiscal year 1909 (no increase)		4,900.00	
Total of all appropriations estimated for the Bureau of Statistics for the fiscal year 1909			239,340.00

PROJECTS.

Executive and administrative, salaries in Washington		2,000.00	
Bulletins, Statistical Appendix, and Miscellaneous:			
Salaries in Washington	$1,950.00		
Traveling expenses	700.00		
		2,650.00	
Work for the Secretary, salaries in Washington		250.00	
Total		4,900.00	
Total of all appropriations for the Bureau of Statistics for the fiscal year 1907		210,560.00	
Total appropriations for fiscal year 1908 (increase of $9,380)		219,940.00	
Total estimate of appropriations for fiscal year 1909 (increase of $19,400)		239,340.00	

LIBRARY

[Salaries, Library, Department of Agriculture—$18,080.]

One librarian	2,000.00
One assistant librarian	1,400.00
One clerk (who shall be a translator)	1,200.00
Two cataloguers, at $1,200 each (increase of 1 submitted)	2,400.00
Three cataloguers, at $1,000 each	3,000.00
One clerk (submitted)	1,000.00
Four clerks, at $900 each	3,600.00
One clerk	840.00
Two clerks, at $720 each	1,440.00
One messenger	720.00
One messenger or laborer	480.00
Total amount estimated	18,080.00

NOTE.—One cataloguer, at $1,200, and 1 clerk, at $1,000, have been added; total increase, $2,200.

LIBRARY—Continued.

Amount of above appropriation for fiscal year 1907		$15,880.00
Amount of above appropriation for fiscal year 1908 (no increase)		15,880.00
Amount estimated for fiscal year 1909 (increase of $2,200)		18,080.00

The above force will perform the following duties:

Administration:		
One librarian	$2,000.00	
One assistant librarian	1,400.00	
One messenger	720.00	
One messenger	480.00	
		4,600.00
Correspondence and files:		
One clerk	1,000.00	
One clerk	720.00	
		1,720.00
Cataloguing, reference work, indexing, and translating:		
One clerk (translator)	1,200.00	
Two cataloguers, at $1,200 each	2,400.00	
Three cataloguers, at $1,000 each	3,000.00	
Two clerks, at $900 each	1,800.00	
One clerk	840.00	
		9,240.00
Recording and care of periodicals:		
Two clerks, at $900 each	1,800.00	
One clerk	720.00	
		2,520.00
Total		18,080.00

[Library, Department of Agriculture—$17,500.]

Books		$11,500.00	
Subscriptions to serials and works published in parts		1,800.00	
Subscriptions to periodicals		3,000.00	
Subscriptions to printed index cards		250.00	
Miscellaneous office supplies and library fixtures		850.00	
Traveling expenses		100.00	
			$17,500.00
Amount of above appropriation for fiscal year 1907		10,000.00	
Amount of above appropriation for fiscal year 1908 (increase of $2,500)		12,500.00	
Amount estimated for fiscal year 1909 (increase of $5,000)		17,500.00	
Total of all appropriations estimated for library for the fiscal year 1909			35,580.00

REMARKS.

The library appropriation for 1909 will be spent in the purchase of agricultural, scientific, and technical books and periodicals and reference works needed in connection with the work of the Department. In addition a small part will be spent in the purchase of library fixtures; miscellaneous library supplies, such as card cabinets, filing cases, and catalogue cards, and for traveling expenses.

An increase of $5,000 is submitted to meet the increased demands of the Department. During the past few years the Department has grown rapidly, and the appropriation for books has not increased proportionately; furthermore by the centralization in the library of the purchase of all books for the Department in Washington the necessity for a larger appropriation is made still more pressing, since it is called upon to meet expenses heretofore provided by other appropriations.

Total appropriations for the library for the fiscal year 1907	$25,880
Total appropriations for the fiscal year 1908 (increase of $2,500)	28,380
Total estimate of appropriations for fiscal year 1909 (increase of $7,200)	35,580

OFFICE OF THE CHIEF CLERK.

[Contingent expenses, Department of Agriculture, 1909—$78,200.]

Salary of dispatch agent in New York	$400.00
Stationery	7,000.00
Miscellaneous supplies, etc	13,800.00
Furniture	2,000.00
Fuel	16,000.00
Freight	50.00
Express	250.00
Telegraph	100.00
Telephone	600.00
Gas and electricity	12,000.00
Traveling expenses	1,000.00
Installation of power plant machinery	25,000.00
	78,200.00

Amount of above appropriation for fiscal year 1907	37,000.00
Amount of above appropriation for fiscal year 1908 (increase of $10,000)	47,000.00
Amount estimated for fiscal year 1909 (increase of $31,200)	78,200.00

OFFICE OF EXPERIMENT STATIONS.

[Salaries, Office of Experiment Stations—$34,620.]

One director	$3,500.00	
One chief clerk	1,800.00	
One clerk and proof reader	1,600.00	
Five clerks, class 2 (increase of one submitted)	7,000.00	
Four clerks, class 1	4,800.00	
Five clerks, at $1,000 each (increase of two submitted)	5,000.00	
Two clerks, at $900 each	1,800.00	
Four clerks, at $840 each	3,360.00	
One clerk or messenger	840.00	
One messenger or caretaker	720.00	
One messenger	600.00	
One messenger or laborer	480.00	
Two messengers, at $480 each	960.00	
One copyist or laborer	720.00	
Three laborers, or charwomen, at $480 each	1,440.00	
Total amount estimated		34,620.00

NOTE.—One clerk of class 2, and two clerks at $1,000 each, have been added. Total increase, $3,400.

Amount of above appropriation for the fiscal year 1907	29,160.00
Amount of above appropriation for fiscal year 1908 (increase of $2,060)	31,220.00
Amount estimated for fiscal year 1909 (increase of $3,400)	34,620.00

The above force will perform the following duties:

General administration of the office in its relations with agricultural experiment stations, agricultural colleges and schools, farmers' institutes, and investigations on nutrition, irrigation, and drainage; keeping of accounts, and care of office rooms:

Director	$3,500.00	
Chief clerk	1,800.00	
One clerk, class 2	1,400.00	
One clerk	1,000.00	
Two clerks, $900 each	1,800.00	
One clerk	840.00	
One messenger	720.00	
One messenger	480.00	
Three laborers, $480 each	1,440.00	
		$12,980.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Preparation of experiment station record, annual report to Congress, bulletins, circulars, etc.:		
Clerk and proofreader	$1,600.00	
Two clerks, class 2	2,800.00	
Two clerks, class 1	2,400.00	
Two clerks, $1,000 each	2,000.00	
One messenger	480.00	
		$9,280.00
Correspondence, files, distribution of publications, card index of station publications, care of property, movement of field instruments, and miscellaneous clerical work, including assignment and care of civil service papers sent to the Department for marking:		
Two clerks, class 2	2,800.00	
Two clerks, class 1	2,400.00	
Two clerks, $1,000 each	2,000.00	
Four clerks, $840 each	3,360.00	
One copyist	720.00	
One messenger	600.00	
One messenger	480.00	
		12,360.00
Total		34,620.00

[Agricultural experiment stations—$126,995.]

General expenses, $33,995.

To carry out the provisions of section 3 of act of March 2, 1887, and of sections 2, 4, and 5 of an act approved March 16, 1906:

Supervision of the work and expenditures of 59 agricultural experiment stations in 48 States and Territories, and Alaska, Hawaii, Porto Rico, and Guam, and the promotion of their general interests: the preparation of publications based on the work of over 1,000 agricultural experiment stations and kindred institutions throughout the world, and needed cards of the index of experiment station literature; extending the summaries of the reports of agricultural experiment stations and kindred institutions at home and abroad in order that our investigators, students, and farmers may be more fully informed regarding the progress of agricultural research, these summaries to appear as farmers' bulletins or in the monthly edition of the Experiment Station Record; to suggest in the last-named publications lines of work for the agricultural experiment stations and advice regarding their work and management, as provided for in section 3 of the act of Congress of March 2, 1887.

Salaries	28,000.00
Travel	4,000.00
Miscellaneous expenses	1,995.00
	33,995.00

Alaska Experiment Station, $26,000:

Maintenance of a central experiment station and four branch stations to investigate the agricultural and horticultural resources of Alaska and the development of animal industry, dairying, etc., including care of live stock introduced for experimental purposes.

Salaries	12,320.00
Labor	6,740.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Alaska Experiment Station, $26,000—Continued.		
Travel	$1,200.00	
Live stock	1,000.00	
Miscellaneous expenses, including supplies, freight, fuel, light, fertilizer, etc	4,740.00	
	26,000.00	
Hawaii Experiment Station, $26,000:		
Maintenance of an experiment station at which studies are made on diversified agriculture with reference to the peculiar needs of the country and scientific investigations in chemistry, entomology, horticulture, etc.		
Salaries	13,000.00	
Labor	5,000.00	
Travel	1,200.00	
Seeds, plants, fertilizer, etc	1,500.00	
Miscellaneous expenses, including supplies, publications, freight, express, fuel, light, etc	5,300.00	
	26,000.00	
Porto Rico Experiment Station, $26,000:		
Maintenance of a station to carry on experiments in agronomy, entomology, horticulture, coffee culture, and scientific investigations along various lines of agriculture.		
Salaries	13,500.00	
Labor	5,500.00	
Travel	500.00	
Live stock	1,000.00	
Miscellaneous expenses, including supplies, freight, express, fuel, light, fertilizer, etc	5,500.00	
	26,000.00	
Guam Experiment Station, $5,000:		
To investigate and report to Congress on the agricultural resources and capabilities of Guam with special reference to the location of an agricultural experiment station and the determination of the character and extent of agricultural experiments immediately demanded by the agriculture of that island.		
Farmers' institutes, $10,000:		
For investigating and reporting upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice, and to provide for the extension of the work of aiding in the diffusion of agricultural information and education among the masses of farmers and their children in cooperation with the State authorities in charge of farmers' institutes and agricultural schools.		
Salaries	6,950.00	
Travel	1,500.00	
Miscellaneous expenses	1,550.00	
	10,000.00	
		$126,995.00
Amount of above appropriations for fiscal year 1907	83,500.00	
Amount of above appropriations for fiscal year 1908 (increase of $23,500)	107,000.00	

OFFICE OF EXPERIMENT STATIONS—Continued.

Amount estimated for fiscal year 1909 (increase of $19,995)..	$126,995.00	
Nutrition investigations, $25,000:		
Salaries in Washington	9,000.00	
Salaries out of Washington	2,500.00	
Stationery	100.00	
Miscellaneous supplies, etc	2,865.00	
Furniture	500.00	
Freight	150.00	
Express	75.00	
Telegraph	10.00	
Apparatus, instruments, and laboratory materials	1,800.00	
Travel and station and field expenses	500.00	
Cooperative investigations	7,500.00	
		$25,000.00
Amount of appropriation for fiscal year 1907	20,000.00	
Amount of above appropriation for fiscal year 1908 (decrease of $15,000)	5,000.00	
Amount estimated for fiscal year 1909 (increase of $20,000)	25,000.00	

PROJECTS.

For investigating and reporting on the nutritive value of agricultural products used for human food, with special suggestions of plans and methods for the more effective utilization of such products for this purpose and the dissemination of useful information on the subject. Planning and supervision of investigations in 9 States; compilation of results of similar investigations throughout the world; preparation of reports, farmers' bulletins, and abstracts of current literature; correspondence, especially with agricultural colleges, experiment stations and schools, penal and charitable institutions; supervision of dietary studies in public institutions, the installation in Washington of the respiration calorimeter and experiments with this apparatus on the digestion of cheese and other agricultural products.

Salaries:		
Chief expert in charge	$2,500.00	
Assistant expert	2,000.00	
Scientific assistants and incidental services.	4,500.00	
Materials, labor, supplies and miscellaneous expenses in connection with the conduct of experiments	6,000.00	
		$15,000.00
Investigating the digestibility and nutritive value of different kinds of cheese in cooperation with the Connecticut or Vermont Agricultural Experiment Station		1,000.00
Investigating the nutritive value and digestibility of nut and fruit products in cooperation with the California Agricultural Experiment Station and the University of California, Berkeley, Cal		1,000.00
Investigating the domestic methods of canning and preserving fruit with reference to food value, in cooperation with the University of Chicago		500.00
Investigating the nutritive value and digestibility of corn products in cooperation with the Maine Experiment Station		1,500.00
Investigating the nutritive value and digestibility of wheat products in cooperation with the Minnesota Experiment Station		1,500.00
Investigating the nutritive value and digestibility of rice and other southern agricultural products in cooperation with the University of Missouri		1,000.00
Investigating the digestibility of ash constituents of foods in cooperation with Columbia University		1,000.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Salaries—Continued.		
Investigating the nutritive value and digestibility of legumes, in cooperation with the University of Tennessee	$750.00	
Miscellaneous studies having a special reference to the utilization of the results of nutrition investigations in homes and schools	1,750.00	
Total	25,000.00	
Irrigation and drainage investigations, $150,000:		
Salaries in Washington	25,000.00	
Salaries out of Washington	55,000.00	
Stationery	1,200.00	
Miscellaneous supplies, etc	18,000.00	
Furniture	1,560.00	
Freight	300.00	
Express	750.00	
Telegraph	250.00	
Telephone	50.00	
Rent	720.00	
Apparatus, instruments, and laboratory material	2,500.00	
Travel and station and field expenses	44,730.00	
		$150,000.00
Amount of above appropriation for fiscal year 1907	122,200.00	
Amount of above appropriation for fiscal year 1908 (increase of $27,800)	150,000.00	
Amount estimated for fiscal year 1909 (no increase)	150,000.00	
The tentative allotments by States for irrigation and drainage investigations, for fiscal year 1909, are as follows:		
Arkansas	5,000.00	
Atlantic coast States	8,000.00	
California	9,500.00	
Colorado	9,000.00	
Florida	5,000.00	
Idaho	5,000.00	
Illinois	3,000.00	
Kansas	3,000.00	
Louisiana	4,000.00	
Minnesota	1,500.00	
Mississippi	6,000.00	
Montana	1,000.00	
Nebraska	2,000.00	
Nevada	1,000.00	
Oregon	6,500.00	
South Dakota	2,500.00	
Texas	1,500.00	
Utah	4,500.00	
Washington	4,500.00	
Wyoming	11,500.00	
Aid and advice to settlers	9,500.00	
Maintenance of central supply, repair and rating station at Cheyenne, Wy.	3,500.00	
Special investigations and reserve	13,000.00	
	120,000.00	

PROJECTS.

On technical investigations:

Study of losses of irrigation water and means of checking or preventing them, to be carried on in sections where development has reached the limit of the water supply under present practice, and an extension of the irrigated area dependent upon more

OFFICE OF EXPERIMENT STATIONS—Continued.

On technical investigations—Continued.		
economical use of water; study of the relation of the quantity of water used and the stage of plant growth at which it is applied to the yield and quality of crops, to be carried on principally in cooperation with the State experiment stations; study of the adaptation of methods of applying water to different types of soil and to different crops.		
California:		
Studies of canal linings; evaporation losses and their prevention, percolation losses, and the adaptation of methods to soils...	$3,000.00	
Imperial Valley.....	2,500.00	
Sacramento Valley.....	2,000.00	
		$7,500.00
Colorado:		
Experiments in irrigation of orchards and sugar beets in the Arkansas Valley to determine whether a more economical use of water can not be brought about by a change of methods without decreasing the returns..		1,000.00
Idaho:		
Studies of the relation of the quantities of water and time of application to yield and quality of crop, and adaptation of methods to soils and crops.....		2,500.00
Kansas:		
Study of methods of applying water in the Arkansas Valley, for the purpose of preventing losses and bringing about the most economical use, and in pumping water for irrigation.....		2,000.00
Louisiana:		
A study of rice irrigation and the preparation of a report describing irrigation practice in rice growing.		1,000.00
Minnesota:		
Experiments in irrigation in lake region of northern Minnesota where summer droughts prevail.....		500.00
Montana:		
Experiments in orchard irrigation in Bitterroot Valley, to determine effects of different methods of applying water in conserving moisture.....		1,000.00
Nebraska:		
Study of canal organization, canal management, and methods of applying water in the North Platte Valley to determine their influence upon the economical use of water.....		1,000.00
Nevada:		
Studies of water requirements of crops and adaptation of methods to soils and crops.....		1,000.00
Utah:		
Study of the relation of the quantity of water used and the time of use to yield and quality of crops.....		1,500.00
Washington:		
Experiments in orchard irrigation in cooperation with local parties, with a view to the improvement of methods and the use of smaller quantities of water..		3,000.00
On irrigation extension:		
Experiments to determine the practicability of irrigation in sections where it has been practiced generally, chiefly on the semiarid plains where river water is not available, the work including studies of the possibilities and cost of securing water supplies by pumping with windmills and different kinds of pumps, and by storing storm waters and studies of		

OFFICE OF EXPERIMENT STATIONS—Continued.

On irrigation extension—Continued.
the methods of applying water in order to make the largest use of the small supplies available. Stations have been established for this purpose at different points on the plains. Similar studies are to be made in the humid sections of the Pacific Northwest and eastern part of the United States.

Cheyenne, Wyo	$5,000.00
Newcastle, Wyo	5,000.00
Eads, Colo	5,000.00
Willamette Valley, Oreg	5,000.00
	$20,000.00

Aid and advice to settlers:
It is estimated that during the fiscal year 1909 there will be under ditch and ready for settlement 5,000,000 acres of land. It is proposed that field agents shall study the conditions under which irrigation must be practiced in the regions opening to settlement and give the settlers practical advice through demonstrations, special bulletins, personal conferences, public addresses, and correspondence.. 9,500.00

Conducting demonstration stations to be established on reclamation projects of the Department of the Interior under a cooperative agreement between this Office, the Reclamation Service, and the Bureaus of Plant Industry and of Soils:

Belle Fourche, S. Dak	2,500.00
Minidoka, Idaho	2,500.00
	14,500.00

Maintenance of a central supply, repair, and rating station at Cheyenne, Wyo..... 3,500.00

Arkansas:
For ascertaining the value of wet lands and outlining general plans for drainage; for the continuation of drainage surveys on the low lands bordering the Mississippi River, especially in the White and Saint Francis basins; for investigations to determine the feasibility and cost of construction of the same; for investigations of the practicability of draining the prairie lands by means of roadside ditches, and improving the natural channels especially in the area where the cultivation of rice is rapidly extending; for tests of the effectiveness of underdrains in preparing the land for crops other than rice; and for improving generally malarial and unsanitary conditions..... 5,000.00

California:
For the examination of general drainage conditions and the preparation of plans for the drainage of lands in the San Joaquin and Sacramento valleys; for the continuation of experiments upon the drainage of the level lands near Fresno, where pumping of the drainage water is necessary..... 2,000.00

Colorado:
For continuing investigations and surveys to determine the best methods of draining lands in the San Luis Valley, where seepage and alkali are making rapid inroads upon the cultivated area as well as preventing the extension of settlement of adjoining unimproved land; to study the feasibility of the reclamation of the injured lands which are now estimated to amount to 40,000 acres in this valley, and to begin similar studies in the Gunnison, Grand, and Arkansas valleys..... 3,000.00

OFFICE OF EXPERIMENT STATIONS—Continued.

Florida:
For continuing investigations to determine the feasibility of draining the Everglades, and the practicability of rendering portions of this swamp area available for the raising of citrus and other subtropical fruits..... $5,000.00

Illinois:
For the continuation of studies and surveys to determine the best plans for preventing injury by overflow along the Little Wabash River, and other small streams in the southern portion of the State..... 3,000.00

Kansas:
For rendering advisory assistance to the residents of the Neosho Valley in carrying out the improvement plans prepared by this Office, and also for observing and reporting the operation of works which have been constructed..... 1,000.00

Louisiana:
For making investigations and surveys to determine the practicability and the best methods of draining the low-lying lands bordering on the Mississippi River, especially in the northeastern part of the State..... 3,000.00

Minnesota:
For investigations of the possibility of improving by drainage such of the prairie lands as are now subject to injury by excessive water during part of the growing season; and for experiments with tile drains in the high northern latitudes..... 1,000.00

Mississippi:
For investigations to determine the feasibility and approximate cost of securing adequate drainage for the following three classes of land: First, the lowlands in the western part of the State which form the Yazoo Delta, and which are now traversed by tortuous and obstructed bayous, many of which are without free outlet. Second, the bottom lands along the small streams in the interior and eastern part of the State which are overflowed periodically. Third, the lands bordering the Mississippi River levees and extending in places for a distance of 1½ miles from the levee when the river surface is much higher in elevation than the adjacent land, as it is for a part of every year..... 6,000.00

Nebraska:
For the continuation of investigations to determine the efficiency of tile drain in removing surplus water from the heavy bottom lands along the Platte River, and for the preparation of general drainage plans for the reclamation of such land along the Platte River Valley where after being reclaimed the land might be very valuable for sugar-beet production..... 1,000.00

Oregon:
For investigation of the possibility of the improvement of streams used in those localities where both irrigation and drainage are necessary, and for the most successful crop production in the Willamette Valley. 1,500.00

Texas:
For the investigation of the possibility of the improvement of streams and the development of drainage work for the bottom lands in eastern Texas which now suffer from frequent overflows in times of flood. 1,500.00

Utah:
For continuing experiments and investigations to determine the possibility and profitableness of draining and reclaiming areas of land once under profitable cultivation by irrigation, and subsequently injured

OFFICE OF EXPERIMENT STATIONS—Continued.

Utah—Continued.	
or ruined by the accumulation of water and alkali; for experiments to determine the most practical materials available for use in constructing under drains suitable for installation in the various soils found in the different counties throughout the State.	$3,000.00
Wyoming:	
For investigations of the best methods of accomplishing the reclamation of lands injured by seepage water and alkali in the agricultural localities throughout the State, some of which are in locations so remote from transportation facilities that methods in use in more accessible regions can not be applied.....	1,500.00
Washington:	
For the devising of methods best adapted for use in the lower Yakima Valley to prevent the destruction of valuable land by waste water; for the determination of the most feasible ways of supplementing ordinary farm methods in ditch digging by the use of power machines suitable for making ditches in saturated soil.....	1,500.00
Atlantic Coast States:	
For continuing investigations to determine the value for agricultural purposes of areas which are at present largely salt marshes, and for studying the best methods of reclaiming the same, including the determination of the system of diking to be adopted, methods of building same, methods of getting rid of the interior water, and of bringing the soil into fit condition for agriculture.....	8,000.00
Special investigations:	
For the adequate scientific investigation of the technical problems pertaining to land drainage concerning which there is lack of existing information, including investigations of the drainage of hillside lands and of muck lands which border on peat formations; the movement and behavior of water in irrigated land; methods of testing cement draintile; the laws of erosion of ditches and of sedimentation of ditches; the factors which determine the great variation in different classes of land with respect to the readiness with which they yield to drainage efforts, and similar questions.....	7,000.00
Reserve:	
Investigations for which plans have not yet been definitely formulated.....	6,000.00
Miscellaneous supplies, apparatus, furniture, etc.....	10,000.00
General planning and supervision of irrigation and drainage investigations throughout the United States; preparation of reports, drafting and other work on illustrations, correspondence with field agents and public, purchase of field instruments and accessories, etc...	20,000.00
	150,000.00
Summary—irrigation and drainage investigations, 1909:	
On irrigation—	
Technical investigations.....	22,000.00
Aid and advice to settlers.....	14,500.00
Irrigation extension.....	20,000.00
Maintenance of central supply, repair, and rating station at Cheyenne, Wyo.....	3,500.00
On drainage investigations.....	60,000.00
Miscellaneous supplies, apparatus, furniture, etc.....	10,000.00
General planning and supervision of irrigation and drainage investigations throughout the United States; preparation of reports, drafting and other	

OFFICE OF EXPERIMENT STATIONS—Continued.

Summary—irrigation and drainage investigations, 1906—Continued.		
On irrigation—Continued.		
work on illustrations, correspondence with field agents and public, purchase of field instruments and accessories, etc	$20,000.00	
	150,000.00	
Recapitulation of the several appropriations for the Office of Experiment Stations as enumerated above, fiscal year 1909, $336,615:		
Office of Experiment Stations, statutory salaries	34,620.00	
Agricultural experiment stations, general expenses	33,995.00	
Alaska Experiment Station	26,000.00	
Hawaii Experiment Station	26,000.00	
Porto Rico Experiment Station	26,000.00	
Guam Experiment Station	5,000.00	
Farmers' institutes	10,000.00	
Nutrition investigations	25,000.00	
Irrigation and drainage investigations	150,000.00	
		[a]$336,615.00
Total appropriations for the Office of Experiment Stations for the fiscal year 1907, including $569.55 derived from sale of card indexes	975,429.55	
Total appropriations for the fiscal year 1908 (increase of $37,790.45)	1,013,220.00	
Total estimate of appropriations for the fiscal year 1909 (increase of $43,395)	1,056,615.00	

OFFICE OF PUBLIC ROADS.

[Salaries, Office of Public Roads—$15,240.]

One director, who shall be a scientist and have charge of all scientific and technical work (increase of $250 submitted)	$3,000.00	
One chief of records	1,600.00	
One editorial clerk	1,200.00	
One clerk, class 2 (submitted)	1,400.00	
Three clerks, class 1 (increase of 1 submitted)	3,600.00	
Three clerks, at $1,000 each	3,000.00	
Two clerks, at $720 each	1,440.00	
Total amount estimated		15,240.00

NOTE.—The salary of the director has been increased from $2,750 to $3,000, and 1 clerk of class 2 and 1 clerk of class 1 have been added. Total increase, $2,850.

Amount of above appropriation for fiscal year 1907	$12,340.00
Amount of above appropriation for fiscal year 1908 (increase of $50)	12,390.00
Amount estimated for fiscal year 1909 (increase of $2,850)	15,240.00

The above force will perform the following duties:

Administrative and executive:		
One director	$3,000.00	
One chief of records	1,600.00	
		4,600.00
Correspondence, accounts, and files:		
One clerk, class 2	1,400.00	
Three clerks, class 1	3,600.00	
Three clerks, at $1,000 each	3,000.00	
Two clerks, at $720 each	1,440.00	
		9,440.00
Editorial and library: One editorial clerk		1,200.00
Total		15,240.00

[a] This does not include $720,000 for State experiment stations under the regular appropriation, to be paid through the Treasury Department.

OFFICE OF PUBLIC ROADS—Continued.

[Public Road Inquiries, 1909—$91,620.]

Salaries:		
In Washington	$39,850.00	
Out of Washington	20,000.00	
Stationery	500.00	
Miscellaneous supplies and services, equipment, books, machinery, etc	10,000.00	
Furniture	270.00	
Freight	2,500.00	
Express	150.00	
Heat	150.00	
Telegraph	150.00	
Telephone	50.00	
Rent	2,000.00	
Apparatus, instruments, and laboratory material	2,000.00	
Traveling and other field expenses	14,000.00	
Total amount of appropriation		$91,620.00
Amount of above appropriation for fiscal year 1907	57,660.00	
Amount of above appropriation for fiscal year 1908 (no increase)	57,660.00	
Amount estimated for fiscal year 1909 (increase of $33,960).	91,620.00	
Total of all appropriations estimated for the Office of Public Roads for the fiscal year 1909		106,860.00

PROJECTS.

The following are the more important projects proposed to be conducted by the Office of Public Road Inquiries under above appropriation:

No. 1. Object-lesson roads—Mr. Vernon M. Peirce, chief engineer, in charge:		
Salaries	$15,500.00	
Traveling expenses	2,300.00	
Freight and drayage	2,000.00	
Lease of rollers	855.00	
Miscellaneous	345.00	
		$21,000.00
No. 2. Instruction in highway engineering—Dr. A. S. Cushman, assistant director, and Mr. Vernon M. Peirce, chief engineer, in charge:		
Salaries, 11 engineer students, at $600	6,600.00	
Traveling expenses	5,000.00	
		11,600.00

The purpose of this project is, first, to build up a corps of trained highway engineers for the Government service and, second, to increase the supply of competent highway engineers for State and county work. The remarkable success of the French road system is largely due to the fact that the Government maintains a school of roads and bridges from the graduates of which their corps of highway engineers is recruited. A small number of graduates in engineering are appointed each year, after competitive examination, to the position of civil engineer student in this Office at a salary of $50 per month and field expenses. These young men are given practical training in all branches of road work and at the expiration of one year are promoted and retained in the service, or given a certificate showing completion of the graduate course. The Government receives a full return for the expense incurred, as the services of these young men are valu-

OFFICE OF PUBLIC ROADS—Continued.

No. 2. Instruction in highway engineering—Continued.
able from the outset. Only 15 students have been appointed to the present time, but the results have been so encouraging that an increase of $6,600 has been requested for this project, which will enable us to appoint 11 students. This instruction is being supplemented by cooperation with colleges in lecture work and the preparation of courses of study.

No. 3. Testing road materials—Dr. A. S. Cushman, assistant director, in charge:

Salaries	$4,500.00	
Supplies and miscellaneous expenses	800.00	
		$5,300.00

No. 4. Road mileage, revenues, and expenditures. This project has been completed.

No. 5. Lectures, addresses, and papers—Mr. L. W. Page, director, in charge:

Salaries	2,200.00	
Traveling expenses	2,000.00	
		4,200.00

No increase has been requested over the allotment for the current fiscal year.

No. 6. Special advice and inspection—Dr. A. S. Cushman, assistant director, and Mr. Vernon M. Peirce, Chief Engineer, in charge:

Salaries	1,800.00	
Traveling expenses	1,000.00	
		2,800.00

No increase has been requested over the amount allotted for the current fiscal year.

No. 7. Investigation of dust preventives—Mr. L. W. Page, director, in charge:

Salaries	$3,200.00	
Traveling expenses	1,300.00	
Materials and miscellaneous expenses	3,600.00	
		8,100.00

In recent years perhaps the most important, and certainly the most difficult, problem which has engaged the attention of highway engineers is that of dust prevention, or rather the preservation of our macadam roads from the destructive effects of modern traffic. So destructive to macadam roads has been the automobile traffic that the minister of public works of France, according to report, has been authorized to call an international convention in 1908 for the purpose of considering methods to prevent roads from being damaged by this traffic. The existence of our macadam roads depends upon the retention of the rock dust formed by the wearing of the surface. Under ordinary traffic conditions this dust remains on the road and consolidates when moist to form a fresh wearing surface. Heavy automobiles moving at a high rate of speed subject the surface of the road to an immense tractive force, which throws a large amount of dust into the air to be carried off by the wind. This action strips the macadam road of all fine material, the result being rapid disintegration. Investigations have been conducted with a view to treating the road surface so

OFFICE OF PUBLIC ROADS—Continued.

No. 7. Investigation of dust preventives—Continued.
as to minimize the formation of dust, retain the original bond of the road, and to supply a thin wearing surface which will resist the disintegrating effect of the automobile. Investigations have been made of the systems in use in France and England, and experiments have been conducted with oil and tar, and various preparations, in Kentucky and Massachusetts during the past season. This is a subject which should engage the earnest attention of the National Government at once. No matter how important we may deem the building of hard roads, we can not but consider it even more important to preserve those which have already been built. Accordingly, about 20 per cent of the increase recommended is desired for this work.

No. 8. Inspection of rural delivery roads—Mr. V. M. Peirce, chief engineer, in charge:

Salaries	$600.00	
Traveling expenses	400.00	
		$1,000.00

No increase has been requested over the amount allotted for the current fiscal year.

No. 9. Standardization of tests—Mr. L. W. Page, Director, in charge:

Salaries	$400.00	400.00

No increase has been requested over the amount allotted for the current fiscal year.

No. 10. Introduction of model systems—Mr. L. W. Page, director, and Mr. V. M. Peirce, chief engineer, in charge:

Salaries	$4,200.00	
Traveling expenses	800.00	
		5,000.00

Under this project engineers are assigned upon the request of local authorities to investigate the entire road system of a county, its road materials, organization, methods of administration, construction and maintenance, and to prepare a report and working plan with estimates, based upon actual surveys and inspection. An investigation was completed in Santa Barbara County, California, during the past year and somewhat similar work was done in MacDowell County, W. Va. This project is of such unquestioned practical value as to justify a considerable extension. An increase has therefore been requested of $4,400 over the amount allotted for the current fiscal year.

No. 11. Investigation of road materials in the several States—Mr. L. W. Page, director, in charge:

Salaries	$2,000.00	
Traveling expenses	1,000.00	
		3,000.00

The appropriation bill provides specifically for an investigation of road materials in the several States. The project is one of too great magnitude to be undertaken by the Office alone with its present appropriation, but it has been determined to cooperate as fully as possible with the highway commissions and geological surveys of the various States, the data to be published in a series of bulletins. During the past year such an investigation was begun in Minne-

OFFICE OF PUBLIC ROADS—Continued.

No. 11. Investigations of road materials in the several States—Continued.

sota in cooperation with the State highway engineer. It is hoped to secure accurate information as to the location, character, quantity, and quality of all road materials, probable cost of making the material available, feasibility of establishing State or county quarries, etc. It is manifestly impossible to conduct this exceedingly important investigation without an increase in the amount available. Accordingly the estimate for 1909 carries an increase of $2,000.

No. 12. Introduction of sand-clay and burnt-clay roads—Mr. V. M. Peirce, chief engineer, in charge:

Salaries	$3,000.00
Traveling expenses	800.00
	$3,800.00

Sand-clay roads can be constructed at very moderate cost in many sections of the country, while in the Mississippi delta the results of burnt-clay experiments are most promising. These roads, when properly constructed, frequently serve the purpose for which they are intended nearly as well as stone roads, and in view of the low cost of constructing such roads and the abundance of sand and clay available, every effort should be made to introduce these forms of construction wherever practicable. The increase requested for this project is $3,800.

No. 13. Investigation of systems of road management and accounting—Mr. J. E. Pennybacker, jr., chief of records, in charge:

Salaries	$1,500.00
Traveling expenses	850.00
	2,350.00

The appropriation bill provides for the investigation of systems of road management in the several States. This project will be taken up during the current fiscal year and continued with a view to obtaining definite information concerning every phase of road management and accounting in the United States. This information will be used as a basis for preparing bulletins setting forth the evils to be remedied and suggesting needed changes in the systems. Systems of accounting adapted to the needs of counties and townships will be suggested through the medium of bulletins. The increase for this project over the allottment for the current fiscal year is $2,100.

No. 14. Split-log drag—Mr. Vernon M. Peirce, chief engineer, in charge:

Salaries	$1,800.00
Traveling expenses	800.00
	2,600.00

The maintenance of earth roads is of immediate importance, and the split-log drag is a certain and inexpensive means of improving an earth road under average conditions. The split-log drag can be easily constructed and operated, and the purpose of this project is simply to introduce it throughout the country. An increase of $2,000 over the amount allotted for the current fiscal year is recommended.

OFFICE OF PUBLIC ROADS—Continued.

No. 15. Experiments with oils on natural soils—
L. W. Page, director, in charge:

Salaries	$1,000.00	
Traveling expenses	500.00	
Materials, supplies, etc	300.00	
		$1,800.00

In many cases macadam roads are impracticable owing to lack of hard materials and peculiar climatic conditions. It is the purpose of this investigation to determine whether oil can be used to advantage on the natural soil. If a method of construction on this basis can be developed, it will be of great value in the sections of country producing oil with an asphalt base. The increase over the amount allotted for the current fiscal year is $1,400.

No. 16. Investigation of slag as a road material—
Mr. V. M. Peirce, chief engineer, in charge:

Salaries	$600.00	
Traveling expenses	500.00	
Materials, supplies, etc	460.00	
		1,560.00

Considering the scarcity of road materials in many sections of the country and the inferior quality of materials which are frequently used, it is believed that a thorough investigation and test of furnace slag is justified. The increase over the amount allotted for the current fiscal year is $1,360.

No. 17. Corrosion of iron and steel—Dr. A. S. Cushman, assistant director, in charge:

Salaries	$800.00	
Purchase of samples for service tests	400.00	
Labor in handling and treating samples	500.00	
Traveling expenses	600.00	
Purchase of materials to be used in experiments on the preservation of boilers	200.00	
Purchase of various types of iron and steel culverts for service tests	300.00	
		2,800.00

This investigation is designed to ascertain the causes for the corrosion of iron and steel, and has been remarkably successful. It has been demonstrated that the generally accepted theories regarding the oxidation of iron and steel are incorrect. Under certain circumstances strong oxidizing agents can be used to prevent rust. Following Doctor Cushman's suggestions, the leading manufacturers are making efforts to turn out steel that will be highly resistant to corrosion. The importance of this work can not be overestimated. The increase recommended over the amount allotted for the current fiscal year is $2,000.

No. 18. Classification of road material—Dr. E. C. E. Lord, petrographer, in charge:

Salaries	600.00

No increase has been requested.

No. 19. Cooperation with Forest Service—Mr. V. M. Peirce, chief engineer, in charge. (This project has been completed.)

OFFICE OF PUBLIC ROADS—Continued.

No. 20. Cooperation with Geological Survey:
Salaries..... $400.00
No increase has been requested.

No. 21. Bulletins on road laws, history of road building, bibliography, and construction of macadam roads—Messrs. J. E. Pennybacker, Archer B. Hulbert, and Austin B. Fletcher, in charge. (No estimate.)

No. 22. Concrete and cement investigation—Mr. Philip L. Wormeley, testing engineer, in charge. (No estimate.)

No. 23. Quarters..... 2,750.00
No increase has been requested.

No. 24. Machine shop..... 800.00
No increase has been requested.

No. 25. Permanent equipment, consisting of machinery and instruments to complete field outfits..... 3,000.00
An increase of $2,000 over amount allotted for the current fiscal year has been requested.

No. 26. Office expenses. (No estimate, as no payments of this character are contemplated.)

No. 27. The decomposition of rocks under the action of water—Dr. A. S. Cushman, assistant director, in charge:
Salaries..... 1,200.00

No. 28. Classification of roads—Mr. V. M. Peirce, chief engineer, and Mr. J. E. Pennybacker, jr., Chief of Records, in charge:
Salaries $800.00
Preparation of maps, purchase of materials, etc..... 900.00
1,700.00
Under this project maps and bulletins will be prepared giving useful information regarding the principally traveled wagon roads throughout the United States, classified according to conditions and character of construction. The increase in this project is provided for by funds arising from completion of other projects.

No. 29. Cooperation with newspapers in the publication of practical articles on road construction, maintenance, and administration—Mr. J. E. Pennybacker, jr., Chief of Records, in charge:
Salaries..... 800.00
This project involves the preparation of articles by engineers and experts of this Office to be sent out on a mailing list composed of papers which have agreed to publish the articles. The increase in this project is provided for by funds arising from completion of other projects.

No. 30. Contingent fund..... 3,060.00

OFFICE OF PUBLIC ROADS—Continued

Total appropriations for Office of Public Roads for the fiscal year 1907	$70,000.00
Total appropriation for fiscal year 1908 (increase of $50)	70,050.00
Total estimate of appropriations for fiscal year 1909 (increase of $36,810)	106,860.00

United States Department of Agriculture.

RECAPITULATION.

	Expenditures for fiscal year 1907.	Appropriations for fiscal year 1908.	Estimates of appropriations for fiscal year 1909.
Office of the Secretary	$111,476.91	$119,200.00	$134,220.00
Paper making	.....	.....	10,000.00
	.....	.....	144,220.00
Weather Bureau	1,319,386.17	1,413,540.00	1,529,060.00
Bureau of Animal Industry	3,113,547.81	4,168,291.90	4,231,410.00
Bureau of Plant Industry	989,012.06	1,199,641.82	1,317,676.00
Buildings, Department of Agriculture	535,594.61	495,340.07	.....
	1,524,606.67	1,694,981.89	.....
Forest Service	1,901,101.93	2,920,000.00	3,196,260.00
Bureau of Chemistry	231,209.16	697,920.00	816,720.00
Bureau of Soils	219,278.96	206,980.00	240,100.00
Bureau of Entomology	248,475.87	317,417.27	375,000.00
Bureau of Biological Survey	50,975.12	52,000.00	69,950.00
Division of Accounts and Disbursements	32,165.00	41,790.00	46,490.00
Division of Publications	246,704.82	161,550.00	181,850.00
Bureau of Statistics	203,586.93	219,940.00	239,340.00
Library	23,844.47	28,380.00	35,580.00
Office of Chief Clerk (contingent expenses, Department of Agriculture)	36,411.12	47,000.00	78,200.00
Office of Experiment Stations	a250,453.43	a293,220.00	a336,615.00
Office of Public Roads	67,318.50	70,050.00	106,860.00
Total expenditures to September 30, 1907	9,580,542.87	.....	.....
Outstanding liabilities on September 30, 1907, against appropriations for fiscal year 1907 (estimated)	233,319.38	.....	.....
Balance available in fiscal year 1908	509,944.78	.....	.....
Unexpended balance to be turned back in Treasury (estimated)	1,153,122.85	.....	.....
Total appropriations for Department of Agriculture	11,536,929.68	12,452,261.06	12,946,351.00

a Does not include $720,000 for State experiment stations under the regular appropriation, to be paid through the Treasury Department.

O

UNIV. OF MICH.
OCT 7 1909

UNIVERSITY OF MICHIGAN

3 9015 06221 5481